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CATALOGUE

OF THE

CABINET OF NATURAL HISTORY

OF THE STATE OF NEW-YORK,

AND OF THE

Historical and Antiquarian Collection

ANNEXED THERETO.

Printed by Order of the Regents of the University.

ALBANY :

C. VAN BENTHUYSEN, PRINTER TO THE LEGISLATURE.

1853.

REGENTS OF THE UNIVERSITY, 1853.

HORATIO SEYMOUR, Governor, *ex officio*.
SANFORD E. CHURCH, Lieutenant-Governor, *ex officio*.
HENRY S. RANDALL, Secretary of State, *ex officio*.
GERRIT Y. LANSING, *Chancellor*.
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	T. ROMEYN BECK, <i>Secretary</i> .

STANDING COMMITTEE OF THE REGENTS,

SPECIALLY CHARGED WITH THE CARE OF THE STATE CABINET.

HORATIO SEYMOUR, *Governor*.
HENRY S. RANDALL, *Secretary of State*.
ERASTUS CORNING.
JOHN M'LEAN.
JAMES S. WADSWORTH.

JOHN GEBHARD JUNIOR, *Curator*.

JAMES HURST, *Taxidermist*.

MEMORANDUM.

THE Regents of the University have directed the publication of the accompanying Catalogue, with the double object of showing the contents and the wants of the Collection.

When received under their charge in 1848, it was found to be in an extremely imperfect condition ; and most, indeed, of the quadrupeds and birds have been replaced by better specimens.

As the Catalogue is intended as an accompaniment to the "Natural History of New-York," the nomenclature there used has been preserved.

A portion only of the Collection is contained in this volume. The Fishes, Insects, Shells, etc. are for the present omitted, in the hope that they may soon be increased in number, and duly arranged and named. The various divisions are accordingly so paged, that additions can be readily made, and new parts inserted. The attention of Naturalists is invited to the deficiencies in the Cabinet, in the hope that, through their aid and advice, these may be supplied.

The building at present appropriated for this Collection has become of too small capacity for properly exhibiting its contents ; and the Regents can only rely on the liberality of the Legislature, to furnish them with accommodations worthy of what in a few years may be made a MUSEUM of the animal, vegetable, and mineral products of the State of New-York. T. R. B.

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COLLECTION OF THE LATE H. C. DE RHAM JUNIOR	21 pages.

ZOOLOGY OF NEW-YORK,

OR THE

New-York Fauna.

BY JAMES E. DE KAY.

PART I. MAMMALIA.

N. B. If there be a specimen of any animal named in the Collection, it is so stated
in the third column.

ZOOLOGY.

CLASS I. MAMMALIA.

ORDER I. QUADRUMANA.

ORDER II. MARSUPIATA.

FAMILY DIDELPHIDÆ.

Latin Name.	English Name.	In the
1 DIDELPHIS VIRGINIANA,	<i>American Opossum.</i>	- - - Cabinet.

ORDER III. CARNIVORA.

FAMILY VESPERTILIONIDÆ.

2 VESPERTILIO NOVEBORACENSIS,	<i>New-York Bat</i> (m. & f.).	- Cabinet.
3 VESPERTILIO PRUINOSUS,	<i>Hoary Bat.</i>	
4 VESPERTILIO SUBULATUS,	<i>Little Brown Bat.</i>	- - - Cabinet.
5 VESPERTILIO NOCTIVAGANS,	<i>Silver-haired Bat</i> (m. & f.).	Cabinet.
6 VESPERTILIO CAROLINENSIS,	<i>Carolina Bat</i> (m. f. & y.).	- Cabinet.

FAMILY SORECIDÆ.

7 CONDYLURA CRISTATA,	<i>Common Starnose</i> (two).	- Cabinet.
8 SCALOPS AQUATICUS,	<i>Common Shrew Mole.</i>	- - Cabinet.
9 SOREX DEKAYI,	<i>Dekay's Shrew.</i>	- - - Cabinet.
10 SOREX BREVICAUDUS,	<i>Short-tailed Shrew.</i>	
11 SOREX PARVUS,	<i>Small Shrew.</i>	
12 SOREX FORSTERI,	<i>Forster's Shrew.</i>	
13 SOREX CAROLINENSIS,	<i>Carolina Shrew.</i>	
14 OTISOREX PLATYRHINUS,	<i>Broad-nosed Shrew.</i>	

FAMILY URSIDÆ.

Latin Names.	English Names.	
15 URSUS AMERICANUS,	<i>American Black Bear.</i>	- - Cabinet.
16 PROCYON LOTOR,	<i>Raccoon (m. & f.).</i>	- - - Cabinet.
17 GULO LUSCUS,	<i>Wolverene.</i>	

FAMILY MUSTELIDÆ.

18 MEPHITIS AMERICANA,	<i>Skunk.</i>	- - - - - Cabinet.
19 MUSTELA CANADENSIS,	<i>Fisher.</i>	- - - - - Cabinet.
20 MUSTELA MARTES,	<i>American Sable.</i>	
21 MUSTELA PUSILLA,	<i>Small Weasel.</i>	
22 MUSTELA FUSCA,	<i>Brown Weasel.</i>	- - - - - _____
23 PUTORIUS NOVEBORACENSIS,	<i>New-York Ermine (m. & f.).</i>	Cabinet.
24 PUTORIUS VISON,	<i>Mink.</i>	- - - - - Cabinet.

FAMILY LUTRIDÆ.

25 LUTRA CANADENSIS,	<i>North-American Otter.</i>	- - Cabinet.
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FAMILY CANIDÆ.

26 CANIS FAMILIARIS,	<i>Domestic Dog (domesticated).</i>	
27 LUPUS OCCIDENTALIS,	<i>Common American Wolf.</i>	
28 VULPES FULVUS,	<i>Red Fox.</i>	- - - - - Cabinet.
29 VULPES VIRGINIANUS,	<i>Grey Fox.</i>	- - - - - Cabinet.

FAMILY FELIDÆ.

30 FELIS CONCOLOR,	<i>Northern Panther (2 m. & f.).</i>	Cabinet.
31 LYNXUS BOREALIS,	<i>Northern Lynx.</i>	- - - - - Cabinet.
32 LYNXUS RUFUS,	<i>Wildcat, or Bay Lynx.</i>	- - Cabinet.

FAMILY PHOCIDÆ.

33 PHOCA CONCOLOR,	<i>American Seal.</i>	- - - - - Cabinet.
34 STEMMATOPUS CRISTATUS,	<i>Hooded Seal.</i>	

ORDER IV. RODENTIA.

FAMILY SCIURIDÆ.

35 SCIURUS LEUCOTIS,	<i>Little Grey Squirrel.</i>	- - Cabinet.
36 SCIURUS VULPINUS,	<i>Fox Squirrel (m. & f.).</i>	- - Cabinet.
37 SCIURUS NIGER,	<i>Black Squirrel.</i>	- - - - - Cabinet.
38 SCIURUS HUDSONICUS,	<i>Red Squirrel (m. & f.).</i>	- - Cabinet.
39 SCIURUS STRIATUS,	<i>Striped Squirrel.</i>	- - - - - _____
40 PTEROMYS VOLUCELLA,	<i>Small American Flying Squirrel</i> (m. & f.).	Cabinet.

FAMILY ARCTOMIDÆ.

Latin Names.	English Names.			
41 ARCTOMYS MONAX,	<i>Woodchuck</i> (m. & f.).	-	-	Cabinet.

FAMILY GERBILLIDÆ.

42 MERIONES AMERICANUS,	<i>Deer Mouse</i> (f.).	-	-	-	-	Cabinet.
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FAMILY CASTORIDÆ.

43 CASTOR FIBER,	<i>Beaver</i> .	-	-	-	-	-	Cabinet.
44 FIBER ZIBETHICUS,	<i>Musquash</i> (2 m. & f.).	-	-				Cabinet.

FAMILY HYSTRICIDÆ.

45 HYSTRIX HUDSONIUS,	<i>North-American Porcupine</i> (f.).						Cabinet.
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FAMILY MURIDÆ.

46 MUS DECUMANUS,	<i>Brown Rat</i> (introduced. m. & f.).						Cabinet.
47 MUS RATTUS,	<i>Black Rat</i> (introduced).						
48 MUS AMERICANUS,	<i>American Black Rat</i> .	-	-				Cabinet.
49 MUS MUSCULUS,	<i>Common Mouse</i> (m. & f.).	-					Cabinet.
50 MUS LEUCOPUS,	<i>Jumping Mouse</i> (f.).	-	-	-			Cabinet.
51 ARVICOLA RIPARIUS,	<i>Marsh Meadow Mouse</i> .						
52 ARVICOLA RUFESCENS,	<i>Tawny Meadow Mouse</i> .	-	-				Cabinet.
53 ARVICOLA HIRsutus,	<i>Beaver Field Mouse</i> .	-	-				Cabinet.
54 ARVICOLA ONEIDA,	<i>Oneida Meadow Mouse</i> .						
55 ARVICOLA ALBO-RUFESCENS,	<i>Light-colored Meadow Mouse</i> .						
56 ARVICOLA XANTHOgnathus,	<i>Yellow-cheeked Meadow Mouse</i> .						

FAMILY LEPORIDÆ.

57 LEPUS NANUS,	<i>American Gray Rabbit</i> (two).						Cabinet.
58 LEPUS AMERICANUS,	<i>Northern Hare</i> .	-	-	-	-		Cabinet.

ORDER V. EDENTATA.

ORDER VI. UNGULATA.

FAMILY ELEPHANTIDÆ.

59 ELEPHAS PRIMIGENIUS,	<i>Fossil Elephant</i> .						
60 ELEPHAS AMERICANUS,	<i>American Elephant</i> (fossil).						
61 MASTODON MAXIMUS,	<i>Great Mastodon</i> (fossil).						

FAMILY SUIDÆ.

- | Latin Names. | English Names. |
|---|---------------------------------|
| 62 SUS SCROFA, <i>var. DOMESTICUS</i> , | <i>Common Hog</i> (introduced). |

FAMILY EQUIDÆ.

- | | |
|--------------------|----------------------------|
| 63 EQUUS CABALLUS, | <i>Horse</i> (introduced). |
| 64 EQUUS ASINUS, | <i>Ass</i> (introduced). |
| 65 EQUUS MAJOR, | <i>Fossil Horse</i> . |

FAMILY BOVIDÆ.

- | | |
|----------------|--------------------------------|
| 66 BOS TAURUS, | <i>Common Ox</i> (introduced). |
|----------------|--------------------------------|

FAMILY CAPRIDÆ.

- | | |
|----------------|-------------------------------------|
| 67 OVIS ARIES, | <i>Domestic Sheep</i> (introduced). |
|----------------|-------------------------------------|

FAMILY CERVIDÆ.

- | | |
|------------------------|--|
| 68 CERVUS VIRGINIANUS, | <i>American Deer.</i> - - - - Cabinet. |
| 96 CERVUS ALCES, | <i>Moose.</i> - - - - - Cabinet. |
| 70 ELAPHUS CANADENSIS, | <i>American Stag, or Elk</i> (horns). Cabinet. |
| 71 ELAPHUS AMERICANUS, | <i>Fossil Stag.</i> |
| 72 RANGIFER TARANDUS, | <i>Reindeer</i> (extirpated?). |

ORDER VII. CETACEA.

FAMILY MANATIDÆ.

FAMILY BALÆNIDÆ.

- | | |
|----------------------------|--------------------------|
| 73 BALÆNA MYSTICETUS, | <i>Right Whale.</i> |
| 74 PHYSETER MACROCEPHALUS, | <i>Sperm Whale.</i> |
| 75 RORQUALUS ROSTRATUS, | <i>Beaked Rorqual.</i> |
| 76 RORQUALUS BOREALIS, | <i>Northern Rorqual.</i> |

FAMILY DELPHINIDÆ.

- | | |
|-------------------------|-------------------------|
| 77 GLOBICEPHALUS MELAS, | <i>Social Whale.</i> |
| 78 PHOCÆNA COMMUNIS, | <i>Common Porpoise.</i> |
| 79 PHOCÆNA ORCA, | <i>Grampus.</i> |
| 80 DELPHINUS DELPHIS, | <i>Sea Porpoise.</i> |

CASTOROIDES OHIOENSIS, *Fossil Beaver* (cast of skull & lower jaw).* Cabinet.

* DE KAY, in his Zoology of New-York, describes the Fossil Beaver as *extra-limital*. The original specimen from which the casts in the collection were taken was found near Clyde in Wayne county, N. York. We therefore place the Fossil Beaver in the catalogue of the New-York Mammalia.

ZOOLOGY OF NEW-YORK,

OR THE

New - York Fauna.

BY JAMES E. DE KAY.

PART II. BIRDS.

ZOOLOGY.

CLASS II. BIRDS.

ORDER I. ACCIPITRES.

FAMILY VULTURIDÆ.

Latin Name.	English Name.	In the
1 CATHARTES AURA,	<i>Turkey Buzzard.</i>	_____

FAMILY FALCONIDÆ.

2 AQUILA CHRYSÆTOS,	<i>Golden Eagle.</i> - - - -	Cabinet.
3 HALIAETOS LEUCOCEPHALUS,	<i>Brown or Bald Eagle</i> (m. & f.).	Cabinet.
4 PANDION CAROLINENSIS,	<i>American Fish Hawk.</i> - -	Cabinet.
5 BUTEO SANCTI-JOHANNIS,	<i>Rough-legged Buzzard</i> (m. & f.).	Cabinet.
6 BUTEO BOREALIS,	<i>Red-tailed Buzzard</i> (m. & f.).	Cabinet.
7 BUTEO HYEMALIS,	<i>Red-shouldered Buzzard.</i> -	Cabinet.
8 BUTEO PENNSYLVANICUS,	<i>Broad-winged Buzzard</i> (m. & f.).	Cabinet.
9 NAUCLERUS FURCATUS,	<i>Swallow-tailed Hawk.</i> - -	_____
10 FALCO ANATUM,	<i>Duck Hawk</i> (m. & f.). - -	Cabinet.
11 FALCO COLUMBARIUS,	<i>Pigeon Hawk.</i> - - - -	Cabinet.
12 FALCO SPARVERIUS,	<i>American Sparrowhawk</i> (m. & f.).	Cabinet.
13 ASTUR FUSCUS,	<i>Slate-colored Hawk</i> (m. & f.).	Cabinet.
14 ASTUR COOPERI,	<i>Cooper's Hawk.</i> - - - -	Cabinet.
15 ASTUR ATRICAPILLUS,	<i>American Goshawk</i> (m. & f.).	Cabinet.
16 CIRCUS ULIGINOSUS,	<i>Marsh Harrier.</i> - - - -	Cabinet.

FAMILY STRIGIDÆ.

Latin Names.	English Names.
17 SURNIA FUNEREA,	<i>Hawk Owl.</i> - - - - Cabinet.
18 SURNIA NYCTEA,	<i>Snowy Owl</i> (m. & f.). - - Cabinet.
19 BUBO VIRGINIANUS,	<i>Great Horned Owl</i> (m. & f.). Cabinet.
20 BUBO ASIO,	<i>Little Screechowl</i> (m. f. & y.). Cabinet.
21 SYRNIUM CINEREUM,	<i>Great Grey Owl</i> (m. & f.). - Cabinet.
22 OTUS AMERICANUS,	<i>Long-Eared Owl</i> (m. & f.). - Cabinet.
23 OTUS PALUSTRIS,	<i>Short-eared Owl</i> (m. & f.). - Cabinet.
24 ULULA NEBULOSA,	<i>Barred Owl</i> (2 m.). - - - Cabinet.
25 ULULA ACADICA,	<i>Acadian Owl</i> (m. & f.). - - Cabinet.
26 STRIX PRATICOLA,	<i>American Barn Owl.</i> - - Cabinet.

ORDER II. PASSERES.

FAMILY CAPRIMULGIDÆ.

27 CAPRIMULGUS VOCIFERUS,	<i>Whippoorwill.</i> - - - - Cabinet.
28 CHORDEILES AMERICANUS,	<i>Nighthawk.</i> - - - - Cabinet.

FAMILY HIRUNDINIDÆ.

29 CHÆTURA PELASGIA,	<i>Chimney Swallow</i> (m. & f.), Cabinet.
30 HIRUNDO PURPUREA,	<i>Purple Martin</i> (m. & f.). - Cabinet.
31 HIRUNDO BICOLOR,	<i>White-bellied Swallow.</i> - - Cabinet.
32 HIRUNDO RIPARIA,	<i>Bank Swallow.</i> - - - - Cabinet.
33 HIRUNDO RUFA,	<i>Barn Swallow,</i> - - - - Cabinet.
34 HIRUNDO FULVA,	<i>Cliff Swallow</i> (m. & f.). - - Cabinet.

FAMILY AMPELIDÆ.

35 BOMBYCILLA GARRULA,	<i>Black-throated Waxwing.</i> - Cabinet.
36 BOMBYCILLA CAROLINENSIS,	<i>Cedarbird</i> (m. & f.). - - - Cabinet.

FAMILY ALCEDINIDÆ.

37 ALCEDO ALCYON,	<i>Belted Kingfisher</i> (two). - Cabinet.
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FAMILY TROCHILIDÆ.

38 TROCHILUS COLUBRIS,	<i>Red-throated Hummingbird</i> (m. & f.). Cabinet.
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FAMILY CERTHIDÆ.

Latin Names.	English Names.
39 SITTA CAROLINENSIS,	<i>White-breasted Nuthatch.</i> - Cabinet.
40 SITTA CANADENSIS,	<i>Red-bellied Nuthatch</i> (m. & f.). Cabinet.
41 CERTHIA AMERICANA,	<i>Brown Creeper</i> (f.). - - - Cabinet.
42 MNIOTILTA VARIA,	<i>Varied Creeping Warbler</i> (m. & f.). Cabinet.
43 TROGLODYTES ÆDON,	<i>House Wren</i> (three). - - - Cabinet.
44 TROGLODYTES AMERICANUS,	<i>Wood Wren.</i> - - - - -
45 TROGLODYTES LUDOVICIANUS,	<i>Mocking Wren</i> (m. & f.). - Cabinet.
46 TROGLODYTES PALUSTRIS,	<i>Marsh Wren</i> (m. & f.). - - Cabinet.
47 TROGLODYTES HYEMALIS,	<i>Winter Wren</i> (m. & f.). - - Cabinet.
48 TROGLODYTES BREVIROSTRIS,	<i>Short-billed Wren.</i> - - - Cabinet.

FAMILY PARIDÆ.

49 PARUS BICOLOR,	<i>Crested Tit.</i> - - - - - Cabinet.
50 PARUS ATRICAPILLUS,	<i>Black-cap Tit.</i> - - - - - Cabinet.
51 PARUS CAROLINENSIS,	<i>Carolina Tit.</i> - - - - - Cabinet.

FAMILY SYLVIADÆ.

52 REGULUS SATRAPA,	<i>Golden-crested Kinglet.</i> - - Cabinet.
53 REGULUS CALENDULA,	<i>Ruby-crowned Kinglet.</i> - - Cabinet.
54 SIALIA WILSONI,	<i>Bluebird</i> (m. & f.). - - - Cabinet.

FAMILY MERULIDÆ.

55 ORPHEUS POLYGLOTTUS,	<i>Common Mockingbird.</i> - - Cabinet.
56 ORPHEUS RUFUS,	<i>Brown Thrush</i> (m. & f.). - Cabinet.
57 ORPHEUS CAROLINENSIS,	<i>Catbird</i> (m. & f.). - - - Cabinet.
58 MERULA MIGRATORIA,	<i>American Robin</i> (m. & f. and an albino). Cabinet.
59 MERULA MUSTELINA,	<i>Wood Thrush</i> (m. & f.). - - Cabinet.
60 MERULA SOLITARIA,	<i>Hermit Thrush.</i> - - - - - Cabinet.
61 MERULA OLIVACEA,	<i>Olive-backed Thrush.</i> - - Cabinet.
62 MERULA WILSONI,	<i>Wilson's Thrush</i> (f.). - - Cabinet.

FAMILY MOTACILLIDÆ.

63 ANTHUS LUDOVICIANUS,	<i>American Titlark</i> (f.). - - Cabinet.
64 SEIURUS NOVEBORACENSIS,	<i>New-York Water Thrush</i> (m. & f.). Cabinet.
65 SEIURUS AUROCAPILLUS,	<i>Ovenbird.</i> - - - - - Cabinet.

FAMILY SYLVICOLIDÆ.

Latin Names.	English Names.
66 TRICHAS MARILANDICA,	<i>Yellowthroat</i> (m. & f.). - - Cabinet.
67 TRICHAS PHILADELPHIA,	<i>Mourning Warbler</i> . - - - ———
68 VERMIVORA PENNSYLVANICA,	<i>Worm-eating Warbler</i> . - - Cabinet.
69 VERMIVORA SWAINSONI,	<i>Whistling Warbler</i> .
70 VERMIVORA SOLITARIA,	<i>Blue-winged Warbler</i> (m. & f.). Cabinet.
71 VERMIVORA CHRYSOPTERA,	<i>Golden-winged Warbler</i> . - Cabinet.
72 VERMIVORA PEREGRINA,	<i>Tennessee Warbler</i> . - - - ———
73 VERMIVORA RUBRICAPILLA,	<i>Nashville Warbler</i> . - - - Cabinet.
74 VERMIVORA CELATA,	<i>Orange-crowned Warbler</i> (m. & f.). Cabinet.
75 SYLVICOLA CORONATA,	<i>Myrtlebird</i> . - - - - - Cabinet.
76 SYLVICOLA RUFICAPILLA,	<i>Redpoll Warbler</i> (m. & f.). - Cabinet.
77 SYLVICOLA MACULOSA,	<i>Spotted Warbler</i> . - - - - Cabinet.
78 SYLVICOLA PARDALINA,	<i>Spotted Canada Warbler</i> (m. & f.). Cabinet.
79 SYLVICOLA CÆRULEA,	<i>Blue-grey Warbler</i> . - - - Cabinet.
80 SYLVICOLA BLACKBURNIA,	<i>Blackburnian Warbler</i> . - - ———
81 SYLVICOLA CASTANEA,	<i>Bay-breasted Warbler</i> (f.). - Cabinet.
82 SYLVICOLA STRIATA,	<i>Blackpoll Warbler</i> . - - - Cabinet.
83 SYLVICOLA DISCOLOR,	<i>Prairie Warbler</i> . - - - Cabinet.
84 SYLVICOLA AMERICANA;	<i>Blue Yellow-backed Warbler</i> (f.). Cabinet.
85 SYLVICOLA CANADENSIS,	<i>Black-throated Blue Warbler</i> . Cabinet.
86 SYLVICOLA ÆSTIVA,	<i>Summer Yellowbird</i> (m. & f.). Cabinet.
87 SYLVICOLA VIRENS,	<i>Black-throated Green Warbler</i> (m. & f.). Cabinet.
88 SYLVICOLA PINUS,	<i>Pine Warbler</i> (m. & f.). - Cabinet.
89 SYLVICOLA ICTEROCEPHALA,	<i>Chesnut-sided Warbler</i> . - - Cabinet.
90 SYLVICOLA PARUS,	<i>Hemlock Warbler</i> . - - - ———
91 SYLVICOLA MARITIMA,	<i>Cape-May Warbler</i> . - - - Cabinet.
92 SYLVICOLA FORMOSA,	<i>Kentucky Warbler</i> . - - - Cabinet.
93 WILSONIA MITRATA,	<i>Hooded Warbler</i> (m. & f.). - Cabinet.
94 WILSONIA PUSILLA,	<i>Green Black-capped Warbler</i> (m. & f.). Cabinet.

FAMILY MUSCICAPIDÆ.

Latin Names.	English Names.
95 CULICIVORA CÆRULEA,	<i>Blue-grey Gnatcatcher.</i> - - Cabinet.
96 MUSCICAPA RUTICILLA,	<i>American Redstart</i> (m. & f.). Cabinet.
97 MUSCICAPA ACADICA,	<i>Small Green-crested Flycatcher</i> (f.). Cabinet.
98 MUSCICAPA FLAVIVENTRIS,	<i>Yellow-bellied Flycatcher.</i> - ———
99 MUSCICAPA VIRENS,	<i>Wood Pewee</i> (f.). - - - - Cabinet.
100 MUSCICAPA FUSCA,	<i>Phæbebird.</i> - - - - - Cabinet.
101 TYRANNUS INTREPIDUS,	<i>Kingbird</i> (m. & f.). - - - Cabinet.
102 TYRANNUS COOPERI,	<i>Olive-sided Kingbird</i> (f.). - Cabinet.
103 TYRANNUS CRINITUS,	<i>Great-crested Kingbird.</i> - Cabinet.

FAMILY VIREONIDÆ.

104 VIREO FLAVIFRONS,	<i>Yellow-throated Greenlet</i> (three). Cabinet.
105 VIREO SOLITARIUS,	<i>Solitary Greenlet.</i> - - - Cabinet.
106 VIREO NOVEBORACENSIS,	<i>White-eyed Greenlet</i> (m. & f.). Cabinet.
107 VIREO GILVUS,	<i>Warbling Greenlet.</i> - - - Cabinet.
108 VIREO OLIVACEUS,	<i>Red-eyed Greenlet</i> (m. & f.). Cabinet.
109 ICTERIA VIRIDIS,	<i>Yellow-breasted Chat</i> (m. & f.). Cabinet.

FAMILY LANIDÆ.

110 LANIUS SEPTENTRIONALIS,	<i>Northern Butcherbird</i> (m. & f.). Cabinet.
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FAMILY CORVIDÆ.

111 GARRULUS CRISTATUS,	<i>Blue Jay</i> (m. & f.). - - - Cabinet.
112 GARRULUS CANADENSIS,	<i>Canada Jay.</i> - - - - - ———
113 PICA CAUDATA,	<i>Magpie.</i> - - - - - - Cabinet.
114 CORVUS AMERICANUS,	<i>Common Crow</i> (m. & f.). - Cabinet.
115 CORVUS CORAX,	<i>Raven.</i> - - - - - - - Cabinet.
116 CORVUS OSSIFRAGUS,	<i>Fish Crow.</i> - - - - - - Cabinet.

FAMILY QUISCALIDÆ.

117 QUISCALUS VERSICOLOR,	<i>Common Crow Blackbird</i> (m. & f.). Cabinet.
118 QUISCALUS FERRUGINEUS,	<i>Rusty Crow Blackbird</i> (m. & f.). Cabinet.
119 STURNELLA LUDOVICIANUS,	<i>Meadow Lark</i> (m. & f.). - Cabinet.
120 ICTERUS BALTIMORE,	<i>Golden Oriole</i> (m. & f.). - Cabinet.
121 ICTERUS SPURIUS,	<i>Orchard Oriole</i> (m. & f.). - Cabinet.

Latin Names.	English Names.	
122 ICTERUS PHENICEUS,	<i>Red-winged Oriole</i> (m. & f.).	Cabinet.
123 MOLOTHRUS PECORIS,	<i>Cow Bunting</i> (m. & f.).	- - Cabinet.
124 DOLICHONYX ORYZIVORUS,	<i>Boblink</i> (m. & f.).	- - - Cabinet.

FAMILY FRINGILLIDÆ.

125 COCCOBORUS CÆRULEUS,	<i>Blue Grosbeak.</i>	- - - - ———
126 COCCOBORUS LUDOVICIANUS,	<i>Rose-breasted Grosbeak</i> (m. & f.).	Cabinet.
127 STRUTHUS HYEMALIS,	<i>Snowbird.</i>	- - - - - Cabinet.
128 FRINGILLA ILIACA,	<i>Fox-colored Sparrow</i> (m. & f.).	Cabinet.
129 FRINGILLA MELODIA,	<i>Song Sparrow.</i>	- - - - Cabinet.
130 FRINGILLA GRAMINEA,	<i>Bay-winged Sparrow</i> (m. & f.).	Cabinet.
131 FRINGILLA PENNSYLVANICA,	<i>White-throated Sparrow</i> (m. & f.).	Cab.
132 FRINGILLA LEUCOPHRYS,	<i>White-crowned Sparrow.</i>	- Cabinet.
133 EMBERIZA AMERICANA,	<i>Black-throated Bunting</i> (m. & f.).	Cab.
134 EMBERIZA PASSERINA,	<i>Yellow-winged Bunting</i> (m. & f.).	Cab.
135 EMBERIZA HENSLOWI,	<i>Varied Bunting.</i>	- - - - Cabinet.
136 EMBERIZA PUSILLA,	<i>Field Bunting</i> (m. & f.).	- Cabinet.
137 EMBERIZA SOCIALIS,	<i>Chipbird.</i>	- - - - - Cabinet.
138 EMBERIZA CANADENSIS,	<i>Tree Bunting</i> (m. & f.).	- Cabinet.
139 EMBERIZA SAVANA,	<i>Savannah Bunting</i> (m. & f.).	Cabinet.
140 EMBERIZA LINCOLNI,	<i>Blue-striped Bunting.</i>	
141 AMMODRAMUS MARITIMUS,	<i>Seaside Finch.</i>	- - - - Cabinet.
142 AMMODRAMUS CAUDACUTUS,	<i>Quailhead</i> (m. & f.).	- - - Cabinet.
143 AMMODRAMUS PALUSTRIS,	<i>Swamp Finch</i> (m. & f.).	- - Cabinet.
144 CARDUELIS TRISTIS,	<i>Yellowbird, or American Goldfinch</i> (three).	Cabinet.
145 CARDUELIS PINUS,	<i>Pine Finch</i> (m. & f.).	- - Cabinet.
146 LINARIA MINOR,	<i>Lesser Redpoll</i> (m. & f.).	- Cabinet.
147 LINARIA BOREALIS,	<i>Mealy Redpoll.</i>	
148 ERYTHROSPIZA PURPUREA,	<i>Crested Purple Finch</i> (f.).	- Cabinet.
149 PITYLUS CARDINALIS,	<i>Cardinal Grosbeak</i> (m. & f.).	Cabinet.
150 PIPILO ERYTHROPHthalmus,	<i>Chewink, or Ground Robin</i> (two).	Cab.
151 SPIZA CYANEA,	<i>Indigobird</i> (m. & f.).	. - - Cabinet.
152 PYRANGA ÆSTIVA,	<i>Redbird.</i>	- - - - - Cabinet.

Latin Names.	English Names.
153 PYRANGA RUBRA,	<i>Black-winged Redbird</i> (m. & f.). Cabinet.
154 PLECTROPHANES LAPPONICUS,	<i>Lapland Snowbird</i> (m. & f.). Cabinet.
155 PLECTROPHANES NIVALIS,	<i>White Snowbird.</i> - - - Cabinet.
156 ALAUDA CORNUTA,	<i>Horned Lark</i> (m. & f.). - - Cabinet.
157 CORYTHUS ENUCLEATOR,	<i>Pine Bulfinch</i> (three). - - Cabinet.
158 LOXIA AMERICANA,	<i>American Crossbill</i> (m. & f.). Cabinet.
159 LOXIA LEUCOPTERA,	<i>White-winged Crossbill</i> (m. & f.). Cabinet.

FAMILY PICIDÆ.

160 PICUS PILEATUS,	<i>Crested Woodpecker</i> (m. & f.). Cabinet.
161 PICUS ERYTHROCEPHALUS,	<i>Red-headed Woodpecker</i> (m. & f.). Cabinet.
162 PICUS VILLOSUS,	<i>Hairy Woodpecker.</i> - - - Cabinet.
163 PICUS PUBESCENS,	<i>Downy Woodpecker.</i> - - - Cabinet.
164 PICUS VARIUS,	<i>Yellow-bellied Woodpecker</i> (m. & f.). Cabinet.
165 PICUS CAROLINUS,	<i>Red-bellied Woodpecker.</i> - Cabinet.
166 PICUS ARCTICUS,	<i>Arctic Woodpecker.</i> - - - Cabinet.
167 PICUS HIRSUTUS,	<i>Banded Woodpecker.</i>
168 PICUS AURATUS,	<i>Golden-winged Woodpecker, or Clape</i> (two). Cabinet.

FAMILY CUCULIDÆ.

169 COCCYZUS AMERICANUS,	<i>Yellow-bellied Cuckoo.</i> - - Cabinet.
170 COCCYZUS ERYTHROPHthalmus,	<i>Black-billed Cuckoo</i> (m. & f.). Cab.

FAMILY COLUMBIDÆ.

171 ECTOPISTES MIGRATORIA,	<i>Wild Pigeon</i> (m. & f.). - - Cabinet.
172 ECTOPISTES CAROLINENSIS,	<i>Carolina Turtle Dove.</i> - - ———

ORDER III. GALLINÆ.

FAMILY PHASIANIDÆ.

173 MELEAGRIS GALLOPAVO,	<i>Wild Turkey.</i> - - - - - Cabinet.
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FAMILY TETRAONIDÆ.

174 ORTYX VIRGINIANA,	<i>Quail</i> (m. & f., and a circle of five). Cabinet.
175 TETRAO UMBELLUS,	<i>Ruffed Grouse</i> (m. f. & y.). - Cabinet.
176 TETRAO CUPIDO,	<i>Pinnated Grouse</i> (m. & f.). - Cabinet.
177 TETRAO CANADENSIS,	<i>Spotted Grouse</i> (m. & f.). - Cabinet.

ORDER IV. GRALLÆ.

FAMILY CHARADRIDÆ.

Latin Names.	English Names.
178 CHARADRIUS SEMIPALMATUS,	<i>American Ring Plover</i> (m. & f.). Cab.
179 CHARADRIUS MELODUS,	<i>Piping Plover.</i> - - - - Cabinet.
180 CHARADRIUS WILSONIUS,	<i>Wilson's Plover.</i> - - - - Cabinet.
181 CHARADRIUS VOCIFERUS,	<i>Kildeer Plover</i> (m. & f.). - Cabinet.
182 CHARADRIUS VIRGINIACUS,	<i>Golden Plover</i> (m. & f.). - Cabinet.
183 SQUATAROLA HELVETICA,	<i>Whistling Plover.</i> - - - Cabinet.
184 STREPSILAS INTERPRES,	<i>Turnstone</i> (m. & f.). - - - Cabinet.
185 HÆMATOPUS PALLIATUS,	<i>American Oystercatcher</i> (m. & f.). Cab.

FAMILY GRUIDÆ.

186 GRUS AMERICANA,	<i>American Crane.</i>
187 ARDEA HERODIAS,	<i>Great Blue Heron</i> (m. & f.). Cabinet.
188 ARDEA LEUCE,	<i>Great White Heron.</i>
189 ARDEA CANDIDISSIMA,	<i>White-crested Heron</i> (m. & f.). Cabinet.
190 ARDEA CÆRULEA,	<i>Blue Heron</i> (m. & f.). - - Cabinet.
191 ARDEA LUDOVICIANA,	<i>Louisiana Heron.</i> - - - ———
192 ARDEA VIRESCENS,	<i>Green Heron.</i> - - - - - Cabinet.
193 ARDEA EXILIS,	<i>Small Bittern.</i> - - - - - Cabinet.
194 ARDEA MINOR,	<i>American Bittern.</i> - - - Cabinet.
195 ARDEA DISCORS,	<i>Black-crowned Night Heron</i> (m. & f.). Cabinet.
196 ARDEA VIOLACEA,	<i>Yellow-crowned Night Heron</i> (m. & f.). Cabinet.

FAMILY TANTALIDÆ.

197 IBIS ALBA,	<i>White Ibis.</i>
198 IBIS MEXICANUS,	<i>Glossy Ibis</i> (m. & f.). - - Cabinet.

FAMILY SCOLOPACIDÆ.

199 NUMENIUS LONGIROSTRIS,	<i>Long-billed Curlew.</i> - - - Cabinet.
200 NUMENIUS HUDSONICUS,	<i>Jack Curlew</i> (m. & f.). - - Cabinet.
201 NUMENIUS BOREALIS,	<i>Small Esquimaux Curlew.</i> - Cabinet.
202 HEMIPALMA HIMANTOPUS,	<i>Long-legged Sandpiper.</i> - Cabinet.
203 HETEROPODA SEMIPALMATA,	<i>Semipalmated Sandpiper.</i> - Cabinet.

Latin Names.	English Names.	
204 TRINGA MARITIMA,	<i>Purple Sandpiper</i> (f.).	- - Cabinet.
205 TRINGA RUFESCENS,	<i>Buff-breasted Sandpiper.</i>	- Cabinet.
206 TRINGA SUBARQUATA,	<i>Curlew Sandpiper</i> (m. & f.).	Cabinet.
207 TRINGA CINCLUS,	<i>Black-breasted Sandpiper.</i>	- ———
208 TRINGA SCHINZI,	<i>Schinz's Sandpiper</i> (m. & f.).	Cabinet
209 TRINGA PECTORALIS,	<i>Pectoral Sandpiper.</i>	- - - Cabinet.
210 TRINGA CANUTUS,	<i>Red-breasted Sandpiper</i> (m. & f.).	Cab.
211 TRINGA PUSILLA,	<i>Wilson's Sandpiper</i> (m. & f.).	Cabinet.
212 CALEDRIIS ARENARIA,	<i>Sanderling</i> (m. & f.).	- - Cabinet.
213 TOTANUS MACULARIUS,	<i>Spotted Sandlark</i> (m. & f.).	Cabinet.
214 TOTANUS BARTRAMIUS,	<i>Grey Plover.</i>	- - - - - Cabinet.
215 TOTANUS FLAVIPES,	<i>Yellowlegs.</i>	- - - - - Cabinet.
216 TOTANUS CHLOROPYGIUS,	<i>Solitary Tattler</i> (f.).	- - - Cabinet.
217 TOTANUS MELANOLEUCUS,	<i>Varied Tattler</i> (m. & f.).	- - Cabinet.
218 TOTANUS SEMIPALMATUS,	<i>Willet.</i>	- - - - - - - Cabinet.
219 LIMOSA FEDOA,	<i>Marlin</i> (m. & f.).	- - - - - Cabinet.
220 LIMOSA HUDSONICA,	<i>Ring-tailed Marlin</i> (m. & f.).	Cabinet.
221 SCOLOPAX NOVEBORACENSIS,	<i>Dowitchee.</i>	- - - - - - - Cabinet.
222 SCOLOPAX WILSONI,	<i>Common American Snipe</i> (m. & f.).	Cabinet.
223 RUSTICOLA MINOR,	<i>American Woodcock.</i>	- - - Cabinet.

FAMILY RALLIDÆ.

224 RALLUS CREPITANS,	<i>Saltwater Meadow-hen</i> (three).	Cabinet
225 RALLUS ELEGANS,	<i>Freshwater Meadow-hen.</i>	- Cabinet.
226 RALLUS VIRGINIANUS,	<i>Mudhen.</i>	- - - - - Cabinet.
227 ORTYGOMETRA CAROLINA,	<i>Sora Rail.</i>	- - - - - Cabinet.
228 ORTYGOMETRA NOVEBORACENSIS,	<i>New-York Rail.</i>	- - - Cabinet.
229 GALLINULA GALEATA,	<i>Florida Gallinule</i> (m. & f.).	Cabinet.

FAMILY RECURVIROSTRIDÆ.

230 HIMANTOPUS NIGRICOLLIS,	<i>Lawyer.</i>	- - - - - Cabinet
231 RECURVIROSTRA AMERICANA,	<i>American Avoset.</i>	- - - - - Cabinet.

FAMILY PHALAROPODIDÆ.

Latin Names.	English Names.
232 PHALAROPUS FULCARIUS,	<i>Red Phalarope,</i>
233 LOBIPES HYPERBOREUS,	<i>Hyperborean Lobefoot (m. & f.). Cabinet.</i>
234 HOLOPODIUS WILSONI,	<i>Wilson's Holopode.</i>

ORDER V. LOBIBEDES.

FAMILY PODICIPIDÆ.

235 FULICA AMERICANA,	<i>American Coot (m. & f.).</i>	- Cabinet.
236 PODICEPS CORNUTUS,	<i>Horned Grebe.</i>	- - - - - Cabinet.
237 PODICEPS CRISTATUS,	<i>Crested Grebe.</i>	- - - - - Cabinet.
238 PODICEPS RUBRICOLLIS,	<i>Red-necked Grebe.</i>	- - - - - ———
239 HYDROKA CAROLINENSIS,	<i>Dipper (three).</i>	- - - - - Cabinet.

ORDER VI. NATATOIRES.

FAMILY ALCIDÆ.

240 URIA GRYLLE,	<i>Black Guillemot.</i>	- - - - - Cabinet.
241 URIA TROILE,	<i>Foolish Guillemot.</i>	- - - - - Cabinet.
242 MERGULUS ALLE,	<i>Sea Dove.</i>	- - - - - Cabinet.
243 MORMON ARCTICUS,	<i>Arctic Puffin.</i>	- - - - - Cabinet.
244 ALCA TORDA,	<i>Razorbill (three).</i>	- - - - - Cabinet.

FAMILY COLYMBIDÆ.

245 COLYMBUS GLACIALIS,	<i>Great Loon, or Diver.</i>	- - Cabinet.
246 COLYMBUS SEPTENTRIONALIS,	<i>Red-throated Loon (m. & f.).</i>	Cabinet.

FAMILY PROCELLARIDÆ.

247 PUFFINUS CINEREUS,	<i>Large Shearwater.</i>	- - - Cabinet.
248 PUFFINUS OBSCURUS,	<i>Little Shearwater.</i>	- - - Cabinet.
249 THALASSIDROMA WILSONI,	<i>Wilson's Petrel.</i>	- - - - - Cabinet.
250 THALASSIDROMA LEACHI,	<i>Fork-tailed Petrel.</i>	- - - - - Cabinet.

FAMILY PELECANIDÆ.

251 PHALACRACORAX CARBO,	<i>Cormorant.</i>	- - - - - ———
252 PHALACRACORAX DILOPHUS,	<i>Double-crested Cormorant (two).</i>	Cab.
253 PELECANUS FUSCUS,	<i>Brown Pelican.</i>	- - - - - Cabinet.
254 SULA AMERICANA,	<i>American Gannet.</i>	- - - - - Cabinet.

FAMILY LARIDÆ.

Latin Names.	English Names.
255 RHYNCHOPS NIGRA,	<i>Black Skimmer</i> (m. & f.). - Cabinet.
256 STERNA HIRUNDO,	<i>Common Tern.</i> - - - - Cabinet.
257 STERNA CAYAÑA,	<i>Cayenne Tern.</i> - - - - Cabinet.
258 STERNA NIGRA,	<i>Black Tern</i> (m. & f.). - - Cabinet.
259 STERNA ANGLICA,	<i>Marsh Tern</i> (m. & f.). - - Cabinet.
260 STERNA ARCTICA,	<i>Arctic Tern.</i>
261 STERNA CANTIACA,	<i>Sandwich Tern.</i>
262 STERNA DOUGALLI,	<i>Roseate Tern.</i>
263 STERNA ARGENTEA,	<i>Silvery Tern</i> (m. & f.). - - Cabinet.
264 LARUS ARGENTATUS,	<i>Winter Gull</i> (1 & y.) - - Cabinet.
265 LARUS MARINUS,	<i>Great Black-backed Gull.</i> - Cabinet.
266 LARUS ZONORRHYNCHUS,	<i>Common American Gull</i> (2 old and 3 young). Cabinet.
267 LARUS ATRICILLA,	<i>Laughing Gull</i> (three). - - Cabinet.
268 LARUS BONAPARTII,	<i>Bonaparte's Gull</i> (m. & f.). Cabinet.
269 LARUS SABINI,	<i>Fork-tailed Gull.</i> - - - - ———
270 LARUS TRIDACTYLUS,	<i>Kittiwake, or Three-toed Gull.</i>
271 LESTRIS BUFFONI,	<i>Arctic Hawk Gull.</i> - - - - ———
272 LESTRIS RICHARDSONII,	<i>Richardson's Hawk Gull</i> (three). Cabinet.
273 LESTRIS POMARINUS,	<i>Pomarine Hawk Gull</i> (three). Cabinet.

FAMILY ANATIDÆ.

274 MERGUS MERGANSER,	<i>Buff-breasted Sheldrake</i> (m. & f.). Cabinet.
275 MERGUS SERRATOR,	<i>Red-breasted Sheldrake</i> (m. & f.). Cabinet.
276 MERGUS CUCULLATUS,	<i>Hooded Sheldrake</i> (m. & f.). Cabinet.
277 FULIGULA VALISNERIA,	<i>Canvasback</i> (m. & f.). - - Cabinet.
278 FULIGULA ERYTHROCEPHALA,	<i>Redhead.</i> - - - - - - Cabinet.
279 FULIGULA MARILA,	<i>Broadbill.</i> - - - - - - Cabinet.
280 FULIGULA MINOR,	<i>Creek Broadbill.</i> - - - - - Cabinet.
281 FULIGULA RUFITORQUES,	<i>Bastard Broadbill.</i> - - - - - Cabinet.
282 FULIGULA LABRADORA,	<i>Pied Duck</i> (f.). - - - - - Cabinet.
283 FULIGULA RUBIDA,	<i>Ruddy Duck</i> (m. & f.). - - Cabinet.

Latin Names.	English Names.
284 FULIGULA GLACIALIS,	<i>Oldwife, or Squaw Duck</i> (four). Cabinet.
285 FULIGULA ALBEOLA,	<i>Buffle-headed Duck.</i> - - - Cabinet.
286 FULIGULA CLANGULA,	<i>Whistler.</i> - - - - - Cabinet.
287 FULIGULA HISTRIONICA,	<i>Harlequin Duck.</i> - - - - Cabinet.
288 FULIGULA MOLLISSIMA,	<i>Eider Duck</i> (m. & f.). - - Cabinet.
289 FULIGULA SPECTABILIS,	<i>King Duck.</i> - - - - - Cabinet.
290 FULIGULA PERSPICILLATA,	<i>Surf Duck or Coot.</i> - - - Cabinet.
291 FULIGULA AMERICANA,	<i>Broad-billed Coot.</i> - - - Cabinet.
292 FULIGULA FUSCA,	<i>White-winged Coot.</i> - - - Cabinet.
293 ANAS SPONSA,	<i>Wood Duck</i> (m. & f.). - - Cabinet.
294 ANAS DISCORS,	<i>Blue-winged Teal</i> (m. & f.). Cabinet.
295 ANAS CAROLINENSIS,	<i>Green-winged Teal</i> (three). - Cabinet.
296 ANAS ACUTA,	<i>Pintail Duck</i> (m. & f.). - - Cabinet.
297 ANAS CLYPEATA,	<i>Shoveller, or Spoonbill</i> (m. & f.). Cabinet.
298 ANAS STREPERA,	<i>Grey Duck, or Gadwall.</i> - Cabinet.
299 ANAS OBSCURA,	<i>Black Duck.</i> - - - - - Cabinet.
300 ANAS AMERICANA,	<i>American Widgeon, or Baldpate.</i> Cab.
301 ANAS PENELOPE,	<i>European Widgeon.</i>
302 ANAS BOSCHAS,	<i>Mallard</i> (m. & f.). - - - Cabinet.
303 ANSER CANADENSIS,	<i>Wild Goose.</i> - - - - - Cabinet.
304 ANSER ALBIFRONS,	<i>White-fronted Goose.</i> - - ———
305 ANSER HYPERBOREUS,	<i>Snow Goose.</i> - - - - - Cabinet.
306 ANSER BERNICLA,	<i>Brant.</i> - - - - - - - Cabinet.
307 ANSER HUTCHINSI,	<i>Hutchins's Goose.</i>
308 CYGNUS AMERICANUS,	<i>American Swan.</i> - - - - - Cabinet.
309 GALLINULA MARTINICA,	<i>Purple Gallinule*.</i> - - - Cabinet.

* This specimen was obtained by Mr. J. G. BELL, of New-York, within this State, and furnished by him to the Collection. It is considered *extra-limital* by Dr. DE KAY (See his *Birds of New-York*, p. 264)

ZOOLOGY OF NEW-YORK,

OR THE

N e w - Y o r k F a u n a .

BY JAMES E. DE KAY.

PARTS III & IV. REPTILES AND AMPHIBIA.

ZOOLOGY.

CLASS III. REPTILES.

ORDER I. TESTUDINATA.

FAMILY CHELONIDÆ.

Latin Name.	English Name.	In the
1 CHELONIA MYDAS,	<i>Green Turtle.</i>	
2 SPHARGIS CORIACEA,	<i>Leather Turtle,</i>	
3 TRIONYX FEROX,	<i>Soft-shelled Turtle.</i>	
4 CHELONURA SERPENTINA,	<i>Snapping Turtle</i> (m. f. & eggs).	Cabinet.
5 EMYS PALUSTRIS,	<i>Saltwater Terrapin.</i>	
6 EMYS TERRAPIN,	<i>Smooth Terrapin</i> (2 shells).	- Cabinet.
7 EMYS PICTA,	<i>Painted Tortoise</i> (m. & f.).	- Cabinet.
8 EMYS GUTTATA,	<i>Spotted Tortoise</i> (m. & f.).	- Cabinet.
9 EMYS INSCULPTA,	<i>Wood Terrapin</i> (m. & f.).	- Cabinet.
10 EMYS RUBRIVENTRIS,	<i>Red-bellied Terrapin.</i>	
11 EMYS MUHLENBERGII,	<i>Muhlenberg's Tortoise.</i>	
12 EMYS GEOGRAPHICA,	<i>Geographic Tortoise.</i>	
13 EMYS PSEUDOGEOGRAPHICA,	<i>Pseudogeographic Tortoise.</i>	
14 KINOSTEMON PENNSYLVANICUM,	<i>Mud Tortoise.</i>	
15 STERNOTHERUS ODORATUS,	<i>Musk Tortoise</i> (in alcohol).	- Cabinet.
16 CISTUDA CAROLINA,	<i>Common Box Tortoise</i> (m. & f.).	Cabinet.
17 CISTUDA BLANDINGII,	<i>Blanding's Box Tortoise.</i>	

ORDER II. SAURIA.

FAMILY SCINCIDÆ.

- | Latin Names. | English Names. |
|-----------------------|---------------------------|
| 18 SCINCUS FASCIATUS, | <i>Blue-tailed Skink.</i> |

FAMILY AGAMIDÆ.

- | | | |
|----------------------------|----------------------------------|------------|
| 19 TROPIDOLEPIS UNDULATUS, | <i>Brown Swift</i> (in alcohol). | - Cabinet, |
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ORDER III. OPHIDIA.

FAMILY COLUBERIDÆ.

- | | | |
|----------------------------|--|------------------|
| 20 COLUBER CONSTRICTOR, | <i>Black Snake</i> (2 in alcohol). | - Cabinet, |
| 21 COLUBER ALLEGHANIENSIS, | <i>Pilot Blacksnake</i> (in alcohol). | Cabinet, |
| 22 COLUBER GETULUS, | <i>Chain Snake</i> (in alcohol). | - Cabinet, |
| 23 COLUBER EXIMIUS, | <i>Milk Snake</i> (4 in alcohol). | - Cabinet. |
| 24 COLUBER PUNCTATUS, | <i>Ring Snake</i> (in alcohol). | - - Cabinet. |
| 25 COLUBER VERNALIS, | <i>Grass Snake</i> (one, and 1 in alcohol). | Cabinet, |
| 26 TROPIDONOTUS SIPEDON, | <i>Water Snake</i> (in alcohol). | - Cabinet. |
| 27 TROPIDONOTUS TÆNIA, | <i>Striped Snake</i> (one, and 1 in alc.). | Cab. |
| 28 TROPIDONOTUS LEBERIS, | <i>Yellow-bellied Snake</i> (in alcohol). | Cabinet, |
| 29 TROPIDONOTUS DEKAYI, | <i>Small Brown Snake</i> (one, & 1 in alc.). | Cab. |
| 30 LEPTOPHIS SAURITA, | <i>Ribbon Snake</i> (one, & 1 in alc.). | Cabinet. |
| 31 CALAMARIA AMENA, | <i>Red Snake.</i> | |
| 32 HETERODON PLATYRRHINOS, | <i>Hog-nosed Snake.</i> | - - - - Cabinet. |

FAMILY CROTALIDÆ.

- | | |
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| 33 TRIGONOCEPHALUS CONTORTRIX, | <i>Copperhead.</i> |
| 34 CROTALUS DURISSUS, | <i>Northern Rattlesnake</i> (m. & f.,
and 2 in alcohol and 4 young). Cabinet. |

- 35 CROTALOPHORUS TERGEMINUS (Say). *Triple-spotted Rattlesnake.* Cab.
(See Annual Report of 1853.)

ZOOLOGY.

CLASS IV. AMPHIBIA.

FAMILY RANIDÆ.

Latin Name.	English Name.	In the
1 RANA PIPIENS,	<i>Bulfrog</i> (2 in alcohol).	- - Cabinet.
2 RANA HORICONENSIS,	<i>Large Northern Bulfrog</i> (two, and 2 in alcohol).	Cabinet.
3 RANA FONTINALIS,	<i>Spring Frog</i> (in alcohol).	- Cabinet.
4 RANA PALUSTRIS,	<i>Marsh Frog</i> (in alcohol).	- - Cabinet.
5 RANA HALECINA,	<i>Shad Frog</i> (two, and 1 in alc.).	Cabinet.
6 RANA SYLVATICA,	<i>Wood Frog</i> (one, and 2 in alc.).	Cabinet.
7 SCAPHIOPUS SOLITARIUS,	<i>Hermit Spadefoot.</i>	
8 BUFO AMERICANUS,	<i>Common American Toad</i> (one, and 2 in alcohol).	Cabinet.
9 HYLODES PICKERINGI,	<i>Pickering's Hylodes.</i>	
10 HYLODES GRILLUS,	<i>Cricket Hylodes.</i>	
11 HYLA VERSICOLOR,	<i>Northern Tree-toad</i> (one, and 2 in alc.).	Cabinet.
12 HYLA SQUIRELLA,	<i>Squirrel Tree-toad</i> (two).	- Cabinet.

FAMILY SALAMANDRIDÆ.

13 SALAMANDRA SYMMETRICA,	<i>Yellow-bellied Salamander</i> (m. & f.).	Cab.
14 SALAMANDRA SUBVIOLACEA,	<i>Violet-colored Salamander</i> (one, and 1 in alcohol).	Cabinet.
15 SALAMANDRA ERYTHONOTA,	<i>Red-backed Salamander</i> (m. & f.).	Cab.
16 SALAMANDRA PICTA,	<i>Painted Salamander</i> (in alcohol).	Cab.
17 SALAMANDRA SALMONEA,	<i>Salmon-colored Salamander.</i>	

Latin Names.	English Names.
18 SALAMANDRA FASCIATA,	<i>Blotched Salamander.</i> - - -
19 SALAMANDRA LONGICAUDA,	<i>Long-tailed Salamander.</i>
20 SALAMANDRA GRANULATA,	<i>Granulated Salamander.</i>
21 SALAMANDRA BILINEATA,	<i>Striped-backed Salamander.</i> - - -
22 SALAMANDRA RUBRA,	<i>Red Salamander (m. & f.).</i> - Cabinet.
23 SALAMANDRA COCCINEA,	<i>Scarlet Salamander.</i>
24 SALAMANDRA GLUTINOSA,	<i>Blue-spotted Salamander.</i> - - -
25 TRITON TIGRINUS,	<i>Tiger Triton.</i>
26 TRITON MILLEPUNCTATUS,	<i>Crimson-spotted Triton (m. & f.).</i> Cab.
27 TRITON NIGER,	<i>Dusky Triton.</i>
28 TRITON PORPHYRITICUS,	<i>Grey-spotted Triton (m. & f.).</i> Cabinet.

FAMILY SIRENIDÆ.

29	MENOBRANCHUS LATERALIS,	<i>Banded Proteus.</i>
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FAMILY AMPHIUMIDÆ.

30	MENOPOMA ALLEGHANIENSIS,	<i>Allegany Hellbender.</i>
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31	PLETHODON CINEREUS (Baird).	- - - - -	Cabinet.
32	HEMIDACTYLUM SCUTATUM (Baird).	- - - - -	Cabinet.

ZOOLOGY OF NEW-YORK,

OR THE

N e w - Y o r k F a u n a .

BY JAMES E. DE KAY.

PART V. FISHES.

BOTANY OF NEW-YORK,

OR THE

New-York Flora.

BY JOHN TORREY.

DIVISION I. PHÆNOGAMOUS PLANTS.

BOTANY.

DIVISION I. PHÆNOGAMOUS PLANTS.

CLASS I. EXOGENOUS PLANTS.

Vol. 1.]	ORDER I. RANUNCULACEÆ.	
	Latin Name.	English Name. In the
1	CLEMATIS OCHROLEUCA,	<i>Silky Virgin's-bower</i> (3 specimens). Cabinet.
2	CLEMATIS VIRGINIANA,	<i>Virginian Virgin's-bower</i> (3). Cabinet.
3	CLEMATIS VERTICILLARIS,	<i>Whorl-leaved Virgin's-bower</i> (3). Cabinet.
4	ANEMONE NEMOROSA,	<i>Wood Anemone</i> (6). - - - Cabinet.
5	ANEMONE CYLINDRICA,	<i>Cylindrical-headed Windflower</i> (4). Cabinet.
6	ANEMONE VIRGINIANA,	<i>Thimbleweed</i> (3). - - - Cabinet.
7	ANEMONE MULTIFIDA,	<i>Cut-leaved Windflower.</i>
8	ANEMONE PENNSYLVANICA,	<i>Pennsylvanian Windflower</i> (2). Cabinet.
9	HEPATIC A TRILOBA,	<i>Common Liverleaf</i> (6). - - Cabinet.
10	RANUNCULUS AQUATILIS,	<i>Water Crowfoot</i> (3). - - Cabinet.
11	RANUNCULUS FLAMMULA,	<i>Spearwort</i> (2). - - - - Cabinet.
12	RANUNCULUS REPTANS,	<i>Least Spearwort</i> (7). - - Cabinet.
13	RANUNCULUS PUSILLUS,	<i>Small-flowered Crowfoot</i> (3). Cabinet.
14	RANUNCULUS CYMBALARIA,	<i>Sea Crowfoot</i> (5). - - - Cabinet.
15	RANUNCULUS ABORTIVUS,	<i>Kidney-leaved Crowfoot</i> (2). Cabinet.
16	RANUNCULUS SCCELERATUS,	<i>Celery-leaved Crowfoot</i> (2). Cabinet.
17	RANUNCULUS PURSHII,	<i>Pursh's Crowfoot</i> (2). - - Cabinet.
18	RANUNCULUS ACRIS,	<i>Tall Crowfoot</i> (2). - - - Cabinet.

Latin Names.	English Names.	
19 RANUNCULUS REPENS,	<i>Creeping Crowfoot</i> (5).	- Cabinet.
20 RANUNCULUS FASCICULARIS,	<i>Bunch-rooted Crowfoot</i> (3).	Cabinet.
21 RANUNCULUS PENNSYLVANICUS,	<i>Pennsylvanian Crowfoot</i> (2).	Cabinet.
22 RANUNCULUS RECURVATUS,	<i>Sanicle-leaved Crowfoot</i> (2).	Cabinet.
23 RANUNCULUS BULBOSUS,	<i>Buttercups</i> (1).	- - - - Cabinet.
24 CALTHA PALUSTRIS,	<i>Common Marsh-marigold</i> (3).	Cabinet.
25 TROLLIUS LAXUS,	<i>American Globeflower</i> (3).	- Cabinet.
26 COPTIS TRIFOLIA,	<i>Common Goldthread</i> (4).	- Cabinet.
27 HELLEBORUS VIRIDIS,	<i>Green Hellebore</i> (2).	- - Cabinet.
28 AQUILEGIA CANADENSIS,	<i>Canadian Columbine</i> (2).	- Cabinet.
29 DELPHINIUM CONSOLIDA,	<i>Common Larkspur</i> (1).	- - Cabinet.
30 ACONITUM UNGINATUM,	<i>American Monkshood</i> (1).	- Cabinet.
31 ACTÆA RUBRA,	<i>Red Cohosh</i> (4).	- - - - Cabinet.
32 ACTÆA ALBA,	<i>White Cohosh</i> (3).	- - - Cabinet.
33 CIMICIFUGA RACEMOSA,	<i>Blacksnakeroot, or Rattleweed</i> (4).	Cabinet.
34 THALICTRUM DIOICUM,	<i>Early Meadowrue</i> (3).	- - Cabinet.
35 THALICTRUM CORNUTI,	<i>Common Meadowrue</i> (5).	- Cabinet.
36 THALICTRUM ANEMONOIDES,	<i>Rue Anemone</i> (8).	- - - Cabinet.
37 ZANTHORRHIZA APILIFOLIA,	<i>Pearly-leaved Yellowroot</i> (1).	Cabinet.
38 HYDRASTIS CANADENSIS,	<i>Canadian Yellowroot</i> (3).	- Cabinet.

Vol. 2.] ORDER II. MAGNOLIACEÆ.

39 MAGNOLIA GLAUCA,	<i>Common Magnolia, or Sweet Bay</i> (3).	Cabinet.
40 MAGNOLIA ACUMINATA,	<i>Cucumber-tree</i> (2).	- - - Cabinet.
41 LIRIODENDRON TULIIFERA,	<i>Tulip Poplar</i> (2).	- - - Cabinet.

ORDER III. ANONACEÆ.

42 UVARIA TRILOBA,	<i>Papaw</i> (2).	- - - - - Cabinet.
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ORDER IV. MENISPERMACEÆ.

43 MENISPERMUM CANADENSE,	<i>Canadian Moonseed</i> (3).	- Cabinet.
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ORDER V. BERBERIDACEÆ.

44 BERBERIS VULGARIS,	<i>Barberry</i> (3).	- - - - - Cabinet.
45 LEONTICE THALICTROIDES,	<i>Blue Cohosh, or Pappoose-root</i> (4).	Cabinet.

Latin Names.	English Names.	
46 JEFFERSONIA DIPHYLLO,	<i>Rheumatism-root</i> (3).	- - Cabinet.
47 PODOPHYLLUM PELTATUM,	<i>Mayapple, or Mandrake</i> (1).	- Cabinet.

ORDER VI. CABOMBACEÆ.

48 BRASENIA PELTATA,	<i>Watershield</i> (2).	- - - - Cabinet.
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ORDER VII. NELUMBIACEÆ.

49 NELUMBium LUTEUM,	<i>Great Yellow Waterlily.</i>	
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ORDER VIII. NYMPHÆACEÆ.

50 NYMPHÆA ODORATA,	<i>Great White Waterlily</i> (3).	- Cabinet.
51 NUPHAR LUTEA,	<i>Small-flowered Yellow Pondlily</i> (4).	Cabinet.
52 NUPHAR ADVENA,	<i>Common Yellow Pondlily</i> (3).	Cabinet.

ORDER IX. SARRACENIACEÆ.

53 SARRACENIA PURPUREA,	<i>Common Sidesaddleflower</i> (3).	Cabinet.
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ORDER X. PAPAVERACEÆ.

54 SANGUINARIA CANADENSIS,	<i>Bloodroot</i> (5).	- - - - - Cabinet.
55 CHELIDONIUM MAJUS,	<i>Common Celandine</i> (2).	- - Cabinet.

ORDER XI. FUMARIACEÆ.

56 DICENTRA CUCULLARIA,	<i>Dutchman's-breeches</i> (2).	- - Cabinet.
57 DICENTRA CANADENSIS,	<i>Squirrel-corn</i> (4).	- - - - Cabinet.
58 DICENTRA EXIMIA,	<i>Choice Dicentra</i> (2).	- - - Cabinet.
59 ADLUMIA CIRRHOSA,	<i>Climbing Fumitory</i> (1).	- - Cabinet.
60 CORYDALIS AUREA,	<i>Golden Corydalis</i> (3).	- - - Cabinet.
61 CORYDALIS GLAUCA,	<i>Glaucous Corydalis</i> (3).	- - Cabinet.
62 FUMARIA OFFICINALIS,	<i>Common Fumitory</i> (2).	- - Cabinet.

Vol. 3.] ORDER XII. CRUCIFERÆ.

63 NASTURTIUM PALUSTRE,	<i>Marsh Cress</i> (4).	- - - - Cabinet.
64 NASTURTIUM HISPIDUM,	<i>Hispid Cress</i> (3).	- - - - Cabinet.
65 NASTURTIUM NATANS,	<i>Floating Cress</i> (2).	- - - Cabinet.
66 BARBAREA VULGARIS,	<i>Scurvygrass</i> (3).	- - - - Cabinet.
67 TURRITIS STRICTA,	<i>Straight Tower-mustard.</i>	
68 ARABIS HIRSUTA,	<i>Hairy Wallcress.</i>	
69 ARABIS DENTATA,	<i>Toothed Wallcress</i> (1).	- - Cabinet.

Latin Names.	English Names.
70 ARABIS LYRATA,	<i>Lyre-leaved Wallcress</i> (2). - Cabinet.
71 ARABIS LÆVIGATA,	<i>Smooth Wallcress</i> (2). - - - Cabinet.
72 ARABIS CANADENSIS,	<i>Sicklepod</i> (5). - - - - - Cabinet.
73 CARDAMINE RHOMBOIDEA,	<i>Spring Cress</i> (8). - - - - - Cabinet.
74 CARDAMINE PRATENSIS,	<i>Bittercress, or Cuckooflower</i> (3). Cabinet.
75 CARDAMINE HIRSUTA,	<i>Watercress</i> (6). - - - - - Cabinet.
76 DENTARIA LACINIATA,	<i>Common Toothwort</i> (4). - - Cabinet.
77 DENTARIA DIPHYLLO,	<i>Pepper-root</i> (4). - - - - - Cabinet.
78 DENTARIA MAXIMA,	<i>Large Toothwort.</i>
79 SISYMBRIUM OFFICINALE,	<i>Common Hedge-mustard</i> (2). - Cabinet.
80 SISYMBRIUM THALIANUM,	<i>Mouseear Cress</i> (3). - - - - - Cabinet.
81 ERYSIMUM CHEIRANTHOIDES,	<i>Treacle Mustard</i> (3). - - - Cabinet.
82 SINAPIS NIGRA,	<i>Black Mustard.</i>
83 SINAPIS ARVENSIS,	<i>Wild Mustard, or Charlock</i> (2). Cabinet.
84 DRABA ARABISANS,	<i>Arabis-like Whitlowgrass</i> (5). Cabinet.
85 DRABA CAROLINIANA,	<i>Carolina Whitlowgrass</i> (2). - Cabinet.
86 DRABA VERNA,	<i>Common Whitlowgrass</i> (3). - Cabinet.
87 CAMELINA SATIVA,	<i>Common Gold-of-pleasure.</i>
88 THLASPI ARVENSE,	<i>Mithridate Mustard.</i>
89 LEPIDIUM CAMPESTRE,	<i>Mithridate Pepperwort</i> (3). - Cabinet.
90 LEPIDIUM VIRGINICUM,	<i>Wild Peppergrass</i> (3). - - Cabinet.
91 CAPSELLA BURSA-PASTORIS,	<i>Common Shepherdspurse</i> (1). - Cabinet.
92 CAKILE MARITIMA,	<i>Sea Rocket</i> (2). - - - - - Cabinet.
93 RAPHANUS RAPHANISTRUM,	<i>Wild Radish</i> (2). - - - - - Cabinet.

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ORDER XIII. CAPPARIDACEÆ.

94 POLANISIA GRAVEOLENS,	<i>Heavy-scented Polanisia</i> (2). - Cabinet.
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ORDER XIV. VIOLACEÆ.

95 VIOLA PEDATA,	<i>Pedate Violet</i> (4). - - - - - Cabinet.
96 VIOLA PALMATA,	<i>Palmate Violet</i> (3). - - - Cabinet.
97 VIOLA CUCULLATA,	<i>Hood-leaved Violet</i> (2). - - Cabinet.
98 VIOLA SELKIRKII,	<i>Selkirk's Violet.</i>
99 VIOLA SAGITTATA,	<i>Arrow-leaved Violet</i> (7). - - Cabinet.

Latin Names.	English Names.
100 VIOLA ROTUNDIFOLIA,	<i>Round-leaved Violet</i> (5). - - Cabinet.
101 VIOLA BLANDA,	<i>Sweetscented White Violet</i> (5). Cabinet.
102 VIOLA PRIMULÆFOLIA,	<i>Primrose-leaved Violet.</i>
103 VIOLA LANCEOLATA,	<i>Lance-leaved Violet</i> (6). - - Cabinet.
104 VIOLA STRIATA,	<i>Striated Violet</i> (1). - - - - Cabinet.
105 VIOLA MUHLENBERGII,	<i>Muhlenberg's Violet</i> (6). - - Cabinet.
106 VIOLA ROSTRATA,	<i>Long-spurred Violet</i> (4). - - Cabinet.
107 VIOLA PUBESCENS,	<i>Yellow Violet</i> (3). - - - - Cabinet.
108 VIOLA CANADENSIS,	<i>Canadian Violet</i> (2). - - - Cabinet.
109 VIOLA TRICOLOR,	<i>Pansy, or Heartsease</i> (3). - Cabinet.
110 SOLEA CONCOLOR,	<i>Green-flowered Solea</i> (1). - - Cabinet.

ORDER XV. CISTACEÆ.

111 HELIANTHEMUM CANADENSE,	<i>Frostweed</i> (9). - - - - - Cabinet.
112 LECHEA MAJOR,	<i>Larger Lechea</i> (4). - - - - - Cabinet.
113 LECHEA THYMIFOLIA,	<i>Thyme-leaved Lechea</i> (2). - - Cabinet.
114 LECHEA MINOR,	<i>Pinweed</i> (7). - - - - - Cabinet.
115 HUDSONIA ERICOIDES,	<i>Heath-like Hudsonia</i> (1). - - Cabinet.
116 HUDSONIA TOMENTOSA,	<i>Woolly Hudsonia</i> (4). - - - Cabinet.

ORDER XVI. DROSERACEÆ.

117 DROSERA ROTUNDIFOLIA,	<i>Round-leaved Sundew</i> (4). - Cabinet.
118 DROSERA LONGIFOLIA,	<i>Long-leaved Sundew</i> (4). - - Cabinet.
119 DROSERA FILIFORMIS,	<i>Thread-leaved Sundew</i> (3). - Cabinet.
120 PARNASSIA CAROLINIANA,	<i>Carolina Grass-of-Parnassus</i> (3). Cabinet.

ORDER XVII. HYPERICACEÆ.

121 ASCYRUM STANS,	<i>Upright St. Peter's-wort</i> (1). Cabinet.
122 HYPERICUM PYRAMIDICUM,	<i>Giant St. John's-wort</i>
123 HYPERICUM KALMIANUM,	<i>Kalm's St. John's-wort</i> (2). - Cabinet.
124 HYPERICUM PERFORATUM,	<i>Common St. John's-wort</i> (2). - Cabinet.
125 HYPERICUM CORYMBOSUM,	<i>Corymbed St. John's-wort</i> (3). Cabinet.
126 HYPERICUM ELLIPTICUM,	<i>Elliptical-leaved St. John's-wort</i> (4). Cab.
127 HYPERICUM MUTILUM,	<i>Small-flowered St. John's-wort</i> (2). Cabinet.

Latin Names.	English Names.	
128 HYPERICUM CANADENSE,	<i>Canadian St. John's-wort</i> (4).	Cabinet.
129 HYPERICUM SAROTHTA,	<i>Groundpine, or Nitweed</i> (5).	- Cabinet.
130 ELODEA VIRGINICA,	<i>Virginian Elodea</i> (3).	- - - Cabinet.

ORDER XVIII. ELATINACEÆ.

131 ELATINE AMERICANA,	<i>American Waterwort</i> (4).	- - Cabinet.
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Vol. 5.] ORDER XIX. CARYOPHYLLACEÆ.

132 HONCKENYA PEPLOIDES,	<i>Common Sea Chickweed</i> (3).	- Cabinet.
133 SAGINA PROCUMBENS,	<i>Procumbent Pearlwort</i> (7).	- Cabinet.
134 SAGINA APETALA,	<i>Apetalous Pearlwort</i> (10).	- Cabinet.
135 ARENARIA SERPYLLIFOLIA,	<i>Thyme-leaved Sandwort</i> (5).	- Cabinet
136 ARENARIA SQUARROSA,	<i>Squarrose Sandwort</i> (5).	- - Cabinet.
137 ARENARIA STRICTA,	<i>Upright Sandwort</i> (5).	- - Cabinet.
138 ARENARIA GREENLANDICA,	<i>Greenland Sandwort</i> (3).	- - - Cabinet.
139 MœHRINGIA LATERIFLORA,	<i>Lateral-flowered Mœhringia</i> (5).	Cabinet.
140 STELLARIA MEDIA,	<i>Common Chickweed</i> (2).	- - Cabinet.
141 STELLARIA LONGIFOLIA,	<i>Long-leaved Stitchwort</i> (2).	- Cabinet.
142 STELLARIA BOREALIS,	<i>Northern Stitchwort</i> (5).	- - Cabinet.
143 CERASTIUM VULGATUM,	<i>Common Mousear Chickweed</i> (1).	Cabinet.
144 CERASTIUM VISCOSUM,	<i>Viscous Mousear Chickweed</i> (3).	Cabinet.
145 CERASTIUM ARVENSE,	<i>Field Chickweed</i> (3).	- - - Cabinet.
146 CERASTIUM OBLONGIFOLIUM,	<i>Oblong-leaved Chickweed.</i>	
147 CERASTIUM NUTANS,	<i>Nodding Chickweed</i> (3).	- - Cabinet.
148 SILENE STELLATA,	<i>Four-leaved Campion</i> (4).	- - Cabinet.
149 SILENE ANTIRRHINA,	<i>Snapdragon Catchfly</i> (2).	- - Cabinet.
150 SILENE NOCTIFLORA,	<i>Night-flowering Catchfly</i> (1).	Cabinet.
151 SILENE PENNSYLVANICA,	<i>Wild Pink</i> (3).	- - - - - Cabinet.
152 SILENE VIRGINICA,	<i>Virginian Catchfly</i> (1).	- - Cabinet.
153 LYCHNIS GITHAGO,	<i>Rose Campion, or Corncockle</i> (2).	Cabinet.
154 SAPONARIA OFFICINALIS,	<i>Common Soapwort, or Bouncing-Bet</i> (2).	Cab.
155 SAPONARIA VACCARIA,	<i>Perfoliate Soapwort.</i>	
156 MOLLUGO VERTICILLATA,	<i>Carpetweed</i> (3).	- - - - - Cabinet.

ORDER XX. ILLECEBRACEÆ.

Latin Names.	English Names.
157 ANYCHIA DICHOTOMA,	<i>Common Forked Chickweed</i> (4). Cabinet.
158 SPERGULA ARVENSIS,	<i>Corn Spurry, or Tare</i> (3). - Cabinet.
159 SPERGULA RUBRA,	<i>Red-flowered Spurry</i> (6). - - Cabinet.
160 SCLERANTHUS ANNUUS,	<i>Common Knawel</i> (2). - - - Cabinet.

Vol. 6.] ORDER XXI. PORTULACACEÆ.

161 PORTULACA OLERACEA,	<i>Common Purselane</i> (1). - - Cabinet.
162 CLAYTONIA VIRGINICA,	<i>Narrow-leaved Spring-beauty</i> (6). Cab.
163 CLAYTONIA CAROLINIANA,	<i>Broad-leaved Spring-beauty</i> (6). Cabinet.

ORDER XXII. MALVACEÆ.

164 MALVA ROTUNDIFOLIA,	<i>Dwarf or Running Mallow</i> (1). Cabinet.
165 MALVA SYLVESTRIS,	<i>High Mallow.</i>
166 ALTHEA OFFICINALIS,	<i>Common Marshmallow.</i>
167 ABUTILON AVICENNÆ,	<i>Velvetleaf</i> (1). - - - - Cabinet.
168 SIDA SPINOSA,	<i>Prickly Sida</i> (1). - - - - Cabinet.
169 HIBISCUS VIRGINICUS,	<i>Sweating-weed</i> (1). - - - - Cabinet.
170 HIBISCUS MOSCHEUTOS,	<i>Mallowrose</i> (1). - - - - Cabinet.
171 HIBISCUS TRIONUM,	<i>Venetian Mallow</i> (1). - - - Cabinet.

ORDER XXIII. TILIACEÆ.

172 TILIA AMERICANA,	<i>Basswood</i> (2). - - - - Cabinet.
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ORDER XXIV. LINACEÆ.

173 LINUM VIRGINIANUM,	<i>Wild Flax</i> (5). - - - - Cabinet.
174 LINUM USITATISSIMUM,	<i>Common Flax.</i>

ORDER XXV. GERANIACEÆ.

175 GERANIUM MACULATUM,	<i>Spotted Cranesbill</i> (2). - - Cabinet.
176 GERANIUM CAROLINIANUM,	<i>Carolinian Cranesbill</i> (4). - - Cabinet.
177 GERANIUM PUSILLUM,	<i>Small-flowered Cranesbill</i> (5). Cabinet.
178 GERANIUM ROBERTIANUM,	<i>Herb-robert</i> (1). - - - - Cabinet.
179 ERODIUM CICUTARIUM,	<i>Hemlock Heronsbill</i> (2). - - Cabinet.

ORDER XXVI. OXALIDACEÆ.

Latin Names.	English Names.		
180 OXALIS ACETOSELLA,	<i>Common Woodsorrel</i> (5).	- -	Cabinet.
181 OXALIS VIOLACEA,	<i>Violet Woodsorrel</i> (6).	- - -	Cabinet.
182 OXALIS STRICTA,	<i>Yellow Woodsorrel</i> (4).	- -	Cabinet.

ORDER XXVII. BALSAMINACEÆ.

183 IMPATIENS PALLIDA,	<i>Touch-me-not, or Snapweed</i> (1).		Cabinet.
184 IMPATIENS FULVA,	<i>Balsam-weed, or Jewel-weed</i> (2).		Cabinet.

ORDER XXVIII. LIMNANTHACEÆ.

185 FLORKEA PROSERPINACOIDES,	<i>False Mermaid</i> (3).	- - -	Cabinet.
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ORDER XXIX. ANACARDIACEÆ.

186 RHUS TYPHINA,	<i>Staghorn Sumach</i> (2).	- -	Cabinet.
187 RHUS GLABRA,	<i>Smooth Sumach</i> (1).	- - -	Cabinet.
188 RHUS COPALLINA,	<i>Mountain Sumach</i> (4).	- - -	Cabinet.
189 RHUS VENENATA,	<i>Poison Sumach</i> (3).	- - - -	Cabinet.
190 RHUS TOXICODENDRON,	<i>Poisonvine, or Mercury</i> (4).	-	Cabinet.
191 RHUS AROMATICA,	<i>Sweet-scented Sumach</i> (2).	-	Cabinet.

ORDER XXX. XANTHOXYLACEÆ.

192 ZANTHOXYLUM AMERICANUM,	<i>Common Prickly-ash</i> (4).	-	Cabinet.
193 PTELEA TRIFOLIATA,	<i>Swamp Dogwood</i> (2).	- - -	Cabinet.

Vol. 7.] ORDER XXXI. ACERACEÆ.

194 ACER PENNSYLVANICUM,	<i>Striped Maple</i> (6).	- - - -	Cabinet.
195 ACER SPICATUM,	<i>Mountain Maple</i> (1).	- - -	Cabinet.
196 ACER SACCHARINUM,	<i>Sugar Maple</i> (3).	- - - -	Cabinet.
197 ACER DASYCARPUM,	<i>White Maple</i> (2).	- - - -	Cabinet.
198 ACER RUBRUM,	<i>Red Maple</i> (9).	- - - - -	Cabinet.

ORDER XXXII. HIPPOCASTANACEÆ.

199 ÆSCULUS HIPPOCASTANUM,	<i>Common Horse-chestnut</i> (1).	-	Cabinet.
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ORDER XXXIII. CELASTRACEÆ.

200 STAPHYLEA TRIFOLIA,	<i>American Bladderhut</i> (4).	-	Cabinet.
201 CELASTRUS SCANDENS,	<i>Bittersweet</i> (3).	- - - - -	Cabinet.
202 EUONYMUS ATROPURPUREUS,	<i>Burning-bush</i> (2).	- - - - -	Cabinet.
203 EUONYMUS AMERICANUS,	<i>Strawberry-tree</i> (2).	- - -	Cabinet.

ORDER XXXIV. RHAMNACEÆ.

Latin Names.	English Names.
204 RHAMNUS CATHARTICUS,	<i>Common Buckthorn.</i>
205 RHAMNUS ALNIFOLIUS,	<i>Alder-leaved Buckthorn</i> (3). - Cabinet.
206 CEANOTHUS AMERICANUS,	<i>New-Jersey Tea, or Redroot</i> (3). Cabinet.
207 CEANOTHUS OVALIS,	<i>Narrow-leaved Ceanothus.</i>

ORDER XXXV. VITACEÆ.

208 VITIS LABRUSCA,	<i>Fox Grape</i> (4). - - - - Cabinet.
209 VITIS ÆSTIVALIS,	<i>Summer Grape</i> (1). - - - Cabinet.
210 VITIS CORDIFOLIA,	<i>Frost Grape</i> (3). - - - - Cabinet.
211 VITIS RIPARIA,	<i>Winter Grape</i> (1). - - - - Cabinet.
212 AMPELOPSIS QUINQUEFOLIA,	<i>Virginian Creeper</i> (3), - - Cabinet.

ORDER XXXVI. POLYGALACEÆ.

213 POLYGALA SANGUINEA,	<i>Purple Milkwort</i> (3). - - - Cabinet.
214 POLYGALA CRUCIATA,	<i>Cross-leaved Milkwort</i> (3). - Cabinet.
215 POLYGALA VERTICILLATA,	<i>Whorl-leaved Milkwort</i> (3). - Cabinet.
216 POLYGALA AMBIGUA,	<i>Ambiguous Milkwort</i> (4). - - Cabinet.
217 POLYGALA SENEGA,	<i>Seneca Snakeroot</i> (1). - - - Cabinet.
218 POLYGALA POLYGAMA,	<i>Polygamous Milkwort</i> (3), - Cabinet.
219 POLYGALA PAUCIFOLIA,	<i>Fringed Milkwort</i> (3). - - Cabinet.

Vol. 8.] ORDER XXXVII. LEGUMINOSÆ.

220 VICIA AMERICANA,	<i>American Vetch</i> (1). - - - Cabinet.
221 VICIA CRACCA,	<i>Tufted Vetch</i> (1), - - - - Cabinet.
222 VICIA TETRASPERMA,	<i>Slender Vetch</i> (2). - - - - Cabinet.
223 VICIA SATIVA,	<i>Common Vetch</i> (3), - - - - Cabinet.
224 ERVUM HIRSUTUM,	<i>Hairy Tare</i> (2). - - - - - Cabinet.
225 LATHYRUS MARITIMUS,	<i>Seaside Vetchling</i> (3). - - - Cabinet.
226 LATHYRUS OCHROLEUCUS,	<i>Cream-colored Vetchling</i> (1). - Cabinet.
227 LATHYRUS MYRTIFOLIUS,	<i>Myrtle-leaved Vetchling</i> (3). - Cabinet.
228 LATHYRUS PALUSTRIS,	<i>Marsh Vetchling</i> (2). - - - Cabinet.
229 PHASEOLUS PERENNIS,	<i>Perennial Kidneybean</i> (2). - Cabinet.
230 PHASEOLUS DIVERSIFOLIUS,	<i>Various-leaved Kidneybean</i> (2). Cabinet.

Latin Names.	English Names.	
231 PHASEOLUS HELVOLUS,	<i>Long-stalked Kidneybean</i> (2).	Cabinet.
232 APIOS TUBEROSA,	<i>Groundnut</i> (5). - - - -	Cabinet.
233 GALACTIA GLABELLA,	<i>Smooth Milkvine.</i>	
234 CLITORIA MARIANA,	<i>Maryland Clitoria</i> (3). - -	Cabinet.
235 AMPHICARPÆA MONOICA,	<i>Common Hognut</i> (4). - - -	Cabinet.
236 ROBINIA PSEUDACACIA,	<i>Common Locust-tree</i> (1). - -	Cabinet.
237 TEPHROSIA VIRGINIANA,	<i>Goat's-rue, or Catgut</i> (2). - -	Cabinet.
238 TRIFOLIUM ARVENSE,	<i>Stone Clover</i> (6). - - - -	Cabinet.
239 TRIFOLIUM PRATENSE,	<i>Red Clover</i> (3). - - - -	Cabinet.
240 TRIFOLIUM REFLEXUM,	<i>Buffalo Clover</i> (1). - - - -	Cabinet.
241 TRIFOLIUM REPENS,	<i>White Clover</i> (2). - - - -	Cabinet.
242 TRIFOLIUM AGRARIUM,	<i>Yellow Clover</i> (1). - - - -	Cabinet.
243 MELILOTUS OFFICINALIS,	<i>Yellow Melilot</i> (1). - - - -	Cabinet.
244 MELILOTUS LEUCANTHA,	<i>White Melilot</i> (3). - - - -	Cabinet.
245 MEDICAGO SATIVA,	<i>Spanish Trefoil, or Lucern.</i>	
246 MEDICAGO LUPULINA,	<i>Black Medick, or Nonesuch</i> (3).	Cabinet.
247 ASTRAGALUS CANADENSIS,	<i>Canadian Milkvetch</i> (3). - -	Cabinet.
248 PHACA NEGLECTA,	<i>Bastard Vetch</i> (3). - - - -	Cabinet.
249 STYLOSANTHES ELATIOR,	<i>Pencilflower</i> (4). - - - -	Cabinet.
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250 DESMODIUM NUDIFLORUM,	<i>Naked-flowered Desmodium</i> (3).	Cabinet.
251 DESMODIUM ACUMINATUM,	<i>Pointed-leaved Desmodium</i> (2).	Cabinet.
252 DESMODIUM CANADENSE,	<i>Canadian Desmodium</i> (4). -	Cabinet.
253 DESMODIUM CANESCENS,	<i>Hoary Desmodium</i> (2). - -	Cabinet.
254 DESMODIUM DILLENII,	<i>Dillenius's Desmodium</i> (3). -	Cabinet.
255 DESMODIUM CUSPIDATUM,	<i>Large-bracted Desmodium</i> (3).	Cabinet.
256 DESMODIUM VIRIDIFLORUM,	<i>Velvet-leaved Desmodium</i> (3).	Cabinet.
257 DESMODIUM MARILANDICUM,	<i>Smooth Small-leaved Desm.</i> (2).	Cabinet.
258 DESMODIUM CILIARE,	<i>Hairy Small-leaved Desm.</i> (1).	Cabinet.
259 DESMODIUM RIGIDUM,	<i>Rigid Desmodium</i> (1). - - -	Cabinet.
260 DESMODIUM PANICULATUM,	<i>Panicled Desmodium</i> (2). - -	Cabinet.
261 DESMODIUM ROTUNDIFOLIUM,	<i>Round-leaved Desmodium</i> (1).	Cabinet.

Latin Names.	English Names.
262 LESPEDEZA PROCUMBENS,	<i>Trailing Lespedeza</i> (2). - - Cabinet.
263 LESPEDEZA REPENS,	<i>Slender Lespedeza</i> (2). - - - Cabinet.
264 LESPEDEZA VIOLACEA,	<i>Bush Clover</i> (7). - - - Cabinet.
265 LESPEDEZA HIRTA,	<i>Hairy Lespedeza</i> (3). - - - Cabinet.
266 LESPEDEZA CAPITATA,	<i>Round-headed Lespedeza</i> (5). - Cabinet.
267 GENISTA TINCTORIA,	<i>Dyer's Greenweed</i> .
268 CROTALARIA SAGITTALIS,	<i>Small Annual Rattlebox</i> (4). - Cabinet.
269 LUPINUS PERENNIS,	<i>Common Wild Lupine</i> (1). - Cabinet.
270 BAPTISIA TINCTORIA,	<i>Common Wild Indigo</i> (3). - Cabinet.
271 BAPTISIA AUSTRALIS,	<i>Blue-flowered False Indigo</i> ,
272 CERCIS CANADENSIS,	<i>American Judas-tree</i> (1). - - Cabinet.
273 CASSIA MARILANDICA,	<i>American Senna</i> (2). - - - Cabinet.
274 CASSIA CHAMECRISTA,	<i>Sensitive Pea</i> (1). - - - - Cabinet.
275 CASSIA NICTITANS,	<i>Sensitive-plant</i> (2). - - - - Cabinet.
276 GYMNOCLADUS CANADENSIS,	<i>Coffee-tree</i> (1). - - - - - Cabinet.
277 GLEDITSCHIA TRIACANTHOS,	<i>Honey Locust</i> (4). - - - - - Cabinet.

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ORDER XXXVIII. ROSACEÆ.

278 PRUNUS AMERICANA,	<i>Red or Yellow Plum</i> (2). - - Cabinet.
279 PRUNUS MARITIMA,	<i>Beach or Sand Plum</i> (6). - - Cabinet.
280 CERASUS PUMILA,	<i>Sand Cherry</i> (2). - - - - Cabinet.
281 CERASUS PENNSYLVANICA,	<i>Bird Cherry</i> (2). - - - - - Cabinet.
282 CERASUS VIRGINIANA,	<i>Chokecherry</i> (3). - - - - - Cabinet.
283 CERASUS SEROTINA,	<i>Wild Cherry</i> (2)- - - - - Cabinet.
284 SPIRÆA OPULIFOLIA,	<i>Ninebark</i> (2). - - - - - Cabinet.
285 SPIRÆA SALICIFOLIA,	<i>Queen-of-the-meadow</i> (2). - - Cabinet.
286 SPIRÆA TOMENTOSA,	<i>Hardhack, or Steeplebush</i> (2). Cabinet.
287 SPIRÆA ARUNCUS,	<i>Goatsbeard</i> .
288 GILLENIA TRIFOLIATA,	<i>Indian-physic, or Bowman's-root</i> (2). Cabinet,
289 GILLENIA STIPULACEA,	<i>American Ipecacuanha</i> (1). - Cabinet,
290 GEUM VIRGINIANUM,	<i>Virginian Avens</i> (2). - - - Cabinet,
291 GEUM STRICTUM,	<i>Small-flowered Yellow Avens</i> (1). Cabinet,
292 GEUM RIVALE,	<i>Water Avens</i> (2). - - - - Cabinet,

Latin Names.	English Names.
293 GEUM TRIFLORUM,	<i>Three-flowered Purple Avens</i> (2). Cabinet.
294 WALDSTEINIA FRAGARICIDES,	<i>Strawberry-like Waldsteinia</i> (2). Cab.
295 SANGUISORBA CANADENSIS,	<i>American Great Burnet</i> (3). - Cabinet.
296 AGRIMONIA EUPATORIA,	<i>Common Agrimony</i> (2). - - Cabinet.
297 POTENTILLA NORVEGICA,	<i>Norwegian Cinquefoil</i> (2). - Cabinet.
298 POTENTILLA TRIDENTATA,	<i>Three-toothed Cinquefoil</i> (4). - Cabinet.
299 POTENTILLA CANADENSIS,	<i>Common Cinquefoil, or Fivefinger</i> (2). Cab.
300 POTENTILLA ARGENTEA,	<i>Silver-leaved Cinquefoil</i> (1). - Cabinet.
301 POTENTILLA ARGUTA,	<i>Close-flowered Cinquefoil</i> (1). - Cabinet.
302 POTENTILLA FRUTICOSA,	<i>Shrubby Cinquefoil</i> (3). - - Cabinet.
303 POTENTILLA ANSERINA,	<i>Wild Tansey, or Silverweed</i> (5). Cabinet.
304 COMARUM PALUSTRE,	<i>Common or Marsh Cinquefoil</i> (1). Cabinet.
305 FRAGARIA VIRGINIANA,	<i>Wild Strawberry</i> (1). - - - Cabinet.
306 FRAGARIA VESCA,	<i>Wild Strawberry</i> (3). - - - Cabinet.
307 DALIBARDA REPENS,	<i>Creeping Dalibarda</i> (4). - - Cabinet.
308 RUBUS ODORATUS,	<i>Flowering Raspberry</i> (1). - - Cabinet.
309 RUBUS TRIFLORUS,	<i>Dwarf Raspberry</i> (4). - - - Cabinet.
310 RUBUS STRIGOSUS,	<i>Red Wild Raspberry</i> (2). - - Cabinet.
311 RUBUS OCCIDENTALIS,	<i>Black Raspberry, or Thimbleberry</i> (3). Cabinet.
312 RUBUS VILLOSUS,	<i>Common Blackberry</i> (4). - - Cabinet.
313 RUBUS CANADENSIS,	<i>Low Blackberry, or Dewberry</i> (1). Cabinet.
314 RUBUS HISPIDUS,	<i>Running Swamp Blackberry</i> (7). Cabinet.
315 RUBUS CUNEIFOLIUS,	<i>Sand Blackberry</i> (3). - - - Cabinet.
316 ROSA CAROLINA,	<i>Swamp Rose</i> (1). - - - - Cabinet.
317 ROSA LUCIDA,	<i>Dwarf Wild Rose</i> (6). - - - Cabinet.
318 ROSA BLANDA,	<i>Early Wild Rose</i> (2). - - - Cabinet.
319 ROSA RUBIGINOSA,	<i>Sweetbriar, or Eglantine</i> (2). Cabinet.
320 CRATÆGUS OXYCANTHA,	<i>Hawthorn, or English Thorn</i> (4). Cabinet.
321 CRATÆGUS CRUS-GALLI,	<i>Cockspur Thorn</i> (3). - - - Cabinet.
322 CRATÆGUS COCCINEA,	<i>White Thorn</i> (4). - - - - Cabinet.
323 CRATÆGUS TOMENTOSA,	<i>Black Thorn</i> (2). - - - - Cabinet.
324 CRATÆGUS PUNCTATA,	<i>Common Thorn</i> (2). - - - Cabinet.

Latin Names.	English Names.	
325 PYRUS CORONARIA,	<i>Crabapple</i> (3).	- - - - - Cabinet.
326 PYRUS ARBUTIFOLIA,	<i>Chokeberry</i> (6).	- - - - - Cabinet.
327 PYRUS AMERICANA,	<i>Mountain Ash</i> (1).	- - - - - Cabinet.
328 AMELANCHIER CANADENSIS,	<i>Common Juneberry</i> (6).	- - - Cabinet.

Vol. 11.] ORDER XXXIX. MELASTOMACEÆ.

329 RHEXIA VIRGINICA,	<i>Meadow-beauty, or Deergrass</i> (3).	Cabinet.
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ORDER XL. LYTHRACEÆ.

330 AMMANNIA HUMILIS,	<i>Dwarf Ammannia.</i>	
331 LYTHRUM HYSSOPIFOLIA,	<i>Common Purple Loosestrife.</i>	
332 DECODON VERTICILLATUM,	<i>Swamp Willowherb</i> (2).	- - - Cabinet.
333 CUPHEA VISCOSISSIMA,	<i>Viscid Cuphea.</i>	

ORDER XLI. ONAGRACEÆ.

334 EPILOBIUM ANGUSTIFOLIUM,	<i>Rosebay Willowherb</i> (2).	- - - Cabinet.
335 EPILOBIUM ALPINUM,	<i>Alpine Willowherb</i> (2).	- - - Cabinet.
336 EPILOBIUM COLORATUM,	<i>Purple-leaved Willowherb</i> (2).	Cabinet.
337 EPILOBIUM MOLLE,	<i>Soft Willowherb.</i>	
338 EPILOBIUM PALUSTRE,	<i>Narrow-leaved Willowherb</i> (2).	Cabinet.
339 OENOTHERA BIENNIS,	<i>Common Evening Primrose</i> (2).	Cabinet.
340 OENOTHERA FRUTICOSA,	<i>Sundrops</i> (2).	- - - - - Cabinet.
341 OENOTHERA LINEARIS,	<i>Narrow-leaved Evening Primrose.</i>	
342 OENOTHERA CHRYSANTHA,	<i>Golden-flowered Evening Primrose.</i>	
343 OENOTHERA PUMILA,	<i>Dwarf Evening Primrose</i> (1).	Cabinet.
344 GAURA BIENNIS,	<i>Biennial Gaura</i> (3).	- - - Cabinet.
345 LUDWIGIA ALTERNIFOLIA,	<i>Seedbox</i> (3).	- - - - - Cabinet.
346 LUDWIGIA SPHEROCARPA,	<i>Round-fruited Ludwigia</i> (1).	Cabinet.
347 LUDWIGIA PALUSTRIS,	<i>Water Purselane</i> (2).	- - - Cabinet.
348 CIRCÆA LUTETIANA,	<i>Common Enchanter's Nightshade</i> (2).	Cabinet.
349 CIRCÆA ALPINA,	<i>Alpine Enchanter's Nightshade.</i>	
350 PROSERPINACA PALUSTRIS,	<i>Marsh Mermaid-weed</i> (4).	- - - Cabinet.
351 PROSERPINACA PECTINACEA,	<i>Cut-leaved Mermaid-weed</i> (3).	Cabinet.
352 MYRIOPHYLLUM SPICATUM,	<i>Spiked Water-milfoil.</i>	

Latin Names.	English Names.	
353 MYRIOPHYLLUM VERTICILLATUM,	<i>Whorled Water-milfoil</i> (1).	Cabinet.
354 MYRIOPHYLLUM HETEROPHYLLUM,	<i>Various-leaved Water-milf.</i> (2).	Cab.
355 MYRIOPHYLLUM AMBIGUUM,	<i>Polymorphous Water-milfoil</i> (1).	Cabinet.
356 MYRIOPHYLLUM TENELLUM,	<i>Leafless Water-milfoil</i> (5).	- Cabinet.
357 HIPPURIS VULGARIS,	<i>Common Maretail</i> (2).	- - - Cabinet.

ORDER XLII. CACTACEÆ.

358 OPUNTIA VULGARIS,	<i>Common Indian-fig, or Prickly-pear</i> (7).	Cabinet.
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ORDER XLIII. GROSSULACEÆ.

359 RIBES CYNOSBATI,	<i>Prickly Gooseberry</i> (6).	- - Cabinet.
360 RIBES ROTUNDIFOLIUM,	<i>Round-leaved Gooseberry</i> (2).	Cabinet.
361 RIBES LACUSTRE,	<i>Swamp Gooseberry</i> (2).	- - Cabinet.
362 RIBES FLORIDUM,	<i>Wild Black Currant</i> (2).	- - Cabinet.
363 RIBES PROSTRATUM,	<i>Fetid Currant</i> (2).	- - - - Cabinet.

ORDER XLIV. CUCURBITACEÆ.

364 SICYOS ANGULATUS,	<i>Common Single-seeded Cucumber</i> (1).	Cabinet.
365 ECHINOCYSTIS LOBATA,	<i>Wild Balsamapple</i> (2).	- - Cabinet.

ORDER XLV. CRASSULACEÆ.

366 TILLEA SIMPLEX,	<i>Pigmyweed.</i>	
367 SEDUM TELEPHIOIDES,	<i>American Orpine.</i>	
368 SEDUM TELEPHIUM,	<i>Liveforever</i> (2).	- - - - - Cabinet.
369 PENTHORUM SEDOIDES,	<i>Virginian Stonecrop</i> (1).	- - Cabinet.

ORDER XLVI. SAXIFRAGACEÆ.

370 SAXIFRAGA VIRGINIENSIS,	<i>Virginian Saxifrage</i> (1).	- - Cabinet.
371 SAXIFRAGA PENNSYLVANICA,	<i>Pennsylvanian Saxifrage</i> (4).	Cabinet.
372 HEUCHERA AMERICANA,	<i>Common Alumroot.</i>	
373 MITELLA DIPHYLLA,	<i>Common Bishops-cap</i> (3).	- - Cabinet.
374 MITELLA NUDA,	<i>Stoloniferous Bishops-cap</i> (4).	Cabinet.
375 TIARELLA CORDIFOLIA,	<i>Heart-leaved Mitrewort</i> (1).	- Cabinet.
376 CHRYSOSPENIUM AMERICANUM,	<i>Golden Saxifrage</i> (8).	- - Cabinet.

ORDER XLVII. HAMAMELACEÆ.

377 HAMAMELIS VIRGINICA,	<i>Witch Hazel</i> (2).	- - - - Cabinet.
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Vol. 12.]	ORDER XLVIII. UMBELLIFERÆ.	
Latin Names.	English Names.	
378 HYDROCOTYLE AMERICANA,	<i>American Marsh-pennywort</i> (4).	Cabinet.
379 HYDROCOTYLE UMBELLATA,	<i>Many-flowered Marsh-pennywort</i> (4).	Cab.
380 CRANTZIA LINEATA,	<i>Narrow-leaved Crantzia.</i>	
381 SANICULA MARILANDICA,	<i>Long-styled Sanicle</i> (4).	- - Cabinet.
382 SANICULA CANADENSIS,	<i>Canadian Sanicle</i> (3).	- - - Cabinet.
383 DISCOPLEURA CAPILLACEA,	<i>Few-rayed Discopleura</i> (2).	- Cabinet.
384 BUPLEURUM ROTUNDIFOLIUM,	<i>Thoroughwax, or Modesty</i> (1).	Cabinet.
385 CICUTA MACULATA,	<i>Water-hemlock, or Spotted Cowbane</i> (3).	Cabinet.
386 CICUTA BULBIFERA,	<i>Bulbiferous Water-hemlock</i> (4).	Cabinet.
387 SIUM LATIFOLIUM,	<i>Broad-leaved Water-parsnep</i> (4).	Cabinet.
388 SIUM LINEARE,	<i>Narrow-leaved Water-parsnep</i> (4).	Cabinet.
389 CRYPTOTÆNIA CANADENSIS,	<i>Common Honewort</i> (2).	- - Cabinet.
390 ZIZIA CORDATA,	<i>Heart-leaved Alexanders</i> (4).	- Cabinet.
391 ZIZIA AUREA,	<i>Golden Meadow-parsnep</i> (1).	- Cabinet.
392 ZIZIA INTEGERRIMA,	<i>Entire-leaved Zizia</i> (2).	- - Cabinet.
393 THASPIUM ATROPURPUREUM,	<i>Purple Alexanders</i> (1).	- - Cabinet.
394 THASPIUM AUREUM,	<i>Golden Thaspium</i> (3).	- - - Cabinet.
395 THASPIUM BARBINODE,	<i>Hairy-jointed Thaspium</i> (3).	- Cabinet.
396 ÆTHUSA CYNAPIUM,	<i>Common Fool's Parsley</i> (2).	- Cabinet.
397 CONIOSELINUM CANADENSE,	<i>Canadian Conioselinum</i> (4).	- Cabinet.
398 ARCHANGELICA ATROPURPUREA,	<i>Common Angelica</i> (7).	- Cabinet.
399 ARCHANGELICA HIRSUTA,	<i>Downy Angelica</i> (3).	- - - Cabinet.
400 ARCHEMORA RIGIDA,	<i>Rigid-leaved Archemora</i> (5).	- Cabinet.
401 PASTINACA SATIVA,	<i>Common or Wild Parsnep</i> (3).	Cabinet.
402 HERACLEUM LANATUM,	<i>American Cow Parsnep</i> (5).	- Cabinet.
403 DAUCUS CAROTA,	<i>Common or Wild Carrot</i> (2).	Cabinet.
404 OSMORHIZA LONGISTYLIS,	<i>True Sweet Cicely</i> (2).	- - - Cabinet.
405 OSMORHIZA BREVI-STYLIS,	<i>Spurious Sweet Cicely</i> (4).	- Cabinet.
406 CONIUM MACULATUM,	<i>Common Poison Hemlock</i> (4).	Cabinet.
407 ERIGENIA BULBOSA,	<i>Bulbous-rooted Erigenia</i> (4).	- Cabinet.

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ORDER XLIX. ARALIACEÆ.

Latin Names.	English Names.	
408 ARALIA RACEMOSA,	<i>Spikenard</i> (1).	- - - - Cabinet.
409 ARALIA NUDICAULIS,	<i>Wild Sarsaparilla</i> (1).	- - Cabinet.
410 ARALIA HISPIDA,	<i>Wild Elder</i> (1).	- - - - Cabinet.
411 PANAX QUINQUEFOLIUM,	<i>Common Ginseng</i> (4).	- - - Cabinet.
412 PANAX TRIFOLIUM,	<i>Dwarf Ginseng</i> (4).	- - - Cabinet.

ORDER L. CORNACEÆ.

413 CORNUS ALTERNIFOLIA,	<i>Alternate-leaved Dogwood</i> (2).	Cabinet.
414 CORNUS CIRGINATA,	<i>Round-leaved Dogwood</i> (2).	- Cabinet.
415 CORNUS STOLONIFERA,	<i>White-berried Dogwood</i> (2).	- Cabinet.
416 CORNUS PANICULATA,	<i>Panicled Dogwood</i> (3).	- - Cabinet.
417 CORNUS SERICEA,	<i>Swamp Dogwood</i> (3).	- - - Cabinet.
418 CORNUS FLORIDA,	<i>Common Dogwood</i> (4).	- - - Cabinet.
419 CORNUS CANADENSIS,	<i>Dwarf Dogwood</i> (3).	- - - Cabinet.

ORDER LI. CAPRIFOLIACEÆ.

420 LINNÆA BOREALIS,	<i>Two-flowered Linnæa</i> (4).	- - Cabinet.
421 SYMPHORICARPUS RACEMOSA,	<i>Common Snowberry</i> (2).	- - Cabinet.
422 SYMPHORICARPUS VULGARIS,	<i>Indian Currant</i> (2).	- - - Cabinet.
423 LONICERA SEMPERVIRENS,	<i>Trumpet Honeysuckle</i> (4).	- Cabinet.
424 LONICERA GRATA,	<i>Wild Honeysuckle.</i>	
425 LONICERA FLAVA,	<i>Yellow Honeysuckle.</i>	
426 LONICERA HIRSUTA,	<i>Hairy Honeysuckle</i> (4).	- - Cabinet.
427 LONICERA PARVIFLORA,	<i>Small-flowered Honeysuckle</i> (5).	Cabinet.
428 LONICERA CILIATA,	<i>Fly Honeysuckle</i> (4).	- - - Cabinet.
429 LONICERA CÆRULEA,	<i>Hairy Fly Honeysuckle</i> (1).	- Cabinet.
430 LONICERA OBLONGIFOLIA,	<i>Long-stalked Honeysuckle</i> (1).	Cabinet.
431 DIERVILLA TRIFIDA,	<i>Common Bush Honeysuckle</i> (1).	Cabinet.
432 TRIOSTEUM PERFOLIATUM,	<i>Feverwort, or Horse Gentian</i> (1).	Cabinet.
433 SAMBUCUS PUBENS,	<i>Red-berried Elder</i> (2).	- - - Cabinet.
434 SAMBUCUS CANADENSIS,	<i>Common Elder</i> (2).	- - - - Cabinet.
435 VIBURNUM NUDUM,	<i>Swamp Viburnum</i> (7).	- - - Cabinet.

Latin Names.	English Names.	
436 VIBURNUM PRUNIFOLIUM,	<i>Black Haw, or Sloe</i> (1).	- - Cabinet.
437 VIBURNUM LENTAGO,	<i>Sweet Viburnum</i> (2).	- - - Cabinet.
438 VIBURNUM DENTATUM,	<i>Arrow-wood</i> (3).	- - - - Cabinet.
439 VIBURNUM PUBESCENS,	<i>Pubescent Viburnum</i> (4).	- - Cabinet.
440 VIBURNUM ACERIFOLIUM,	<i>Maple-leaved Arrow-wood</i> (3).	Cabinet.
441 VIBURNUM PAUCIFLORUM,	<i>Mountain Bush Cranberry</i> (1).	Cabinet.
442 VIBURNUM OPULUS,	<i>High Cranberry</i> (2).	- - - Cabinet.
443 VIBURNUM LANTANOIDES,	<i>Hobblebush</i> (3).	- - - - Cabinet.

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ORDER LII. RUBIACEÆ.

444 GALIUM APARINE,	<i>Common Cleavers, or Goosegrass</i> (1).	Cabinet.
445 GALIUM TRIFIDUM,	<i>Small Bedstraw</i> (9).	- - - Cabinet.
446 GALIUM ASPRELLUM,	<i>Rough Bedstraw</i> (2).	- - - Cabinet.
447 GALIUM TRIFLORUM,	<i>Sweetscented Bedstraw</i> (1).	- Cabinet.
448 GALIUM PILOSUM,	<i>Hairy Bedstraw</i> (3).	- - - Cabinet.
449 GALIUM CIRCÆZANS,	<i>Wild Liquorice</i> (5).	- - - Cabinet.
450 GALIUM BOREALE,	<i>Northern Bedstraw</i> (2).	- - Cabinet.
451 CEPHALANTHUS OCCIDENTALIS,	<i>Butterbush, Pond Dogwood</i> (2).	Cab.
452 MITCHELLA REPENS,	<i>Partridgeberry</i> (3).	- - - Cabinet.
453 HEDYOTIS CÆRULEA,	<i>Common Bluets, or Dwarf Risk</i> (5).	Cabinet.
454 HEDYOTIS CILIOLATA,	<i>Fringed-leaved Bluets</i> (4).	- Cabinet.
455 HEDYOTIS LONGIFOLIA,	<i>Long-leaved Bluets</i> (6).	- - Cabinet.
456 HEDYOTIS GLOMERATA,	<i>Cluster-flowered Bluets.</i>	

ORDER LIII. VALERIANACEÆ.

457 VALERIANA SYLVATICA,	<i>Tall Swamp Valerian</i> (2).	- Cabinet.
458 FEDIA FAGOPYRUM,	<i>Buckwheat Cornsalad</i> (3).	- Cabinet.

ORDER LIV. DIPSACEÆ.

459 DIPSACUS SYLVESTRIS,	<i>Wild Teasel</i> (2).	- - - - Cabinet.
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ORDER LV. COMPOSITÆ.

460 VERNONIA NOVEBORACENSIS,	<i>Common Ironweed</i> (3).	- - - Cabinet.
461 LIATRIS CYLINDRACEA,	<i>Small Buttonsnakeroot</i> (1).	- Cabinet.
462 LIATRIS SPICATA,	<i>Tall Buttonsnakeroot</i> (1).	- - Cabinet.

Latin Names.	English Names.
463 LIATRIS SCARIOSA,	<i>Large-flowered Buttonsnakeroot</i> (4). Cabinet.
464 EUPATORIUM PURPUREUM,	<i>Joe-Pye-weed</i> (6). - - - Cabinet.
465 EUPATORIUM LEUCOLEPIS,	<i>White-scaled Hempweed</i> .
466 EUPATORIUM TEUCRIFOLIUM,	<i>Germander-leaved Hempweed</i> (2). Cabinet.
467 EUPATORIUM ROTUNDIFOLIUM,	<i>Round-leaved Hempweed</i> .
468 EUPATORIUM SESSILIFOLIUM,	<i>Upland Boneset</i> (1). - - - Cabinet.
469 EUPATORIUM PERFOLIATUM,	<i>Boneset, or Thoroughwort</i> (1). Cabinet.
470 EUPATORIUM AGERATOIDES,	<i>White Snakeroot</i> (1). - - - Cabinet.
471 EUPATORIUM AROMATICUM,	<i>Sweetscented Hempweed</i> (2). - Cabinet.
472 MIKANIA SCANDENS,	<i>Common Climbing Hempweed</i> (3). Cabinet.
473 NARDOSMIA PALMATA,	<i>Sweet Coltsfoot</i> .
474 TUSSILAGO FARFARA,	<i>Common Coltsfoot</i> (5). - - - Cabinet.
475 SERICOCARPUS CONYZOIDES,	<i>Broad-leaved Sericocarpus</i> (2). Cabinet.
476 SERICOCARPUS SOLIDAGINEUS,	<i>Narrow-leaved Sericocarpus</i> (2). Cabinet.

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477 ASTER CORYMBOSUS,	<i>Corymbed Aster</i> (2). - - - Cabinet.
478 ASTER MACROPHYLLUS,	<i>Large-leaved Aster</i> (1). - - Cabinet.
479 ASTER RADULA,	<i>Rasp-leaved Aster</i> .
480 ASTER SPECTABILIS,	<i>Showy Aster</i> .
481 ASTER PATENS,	<i>Spreading Aster</i> (2). - - - Cabinet.
482 ASTER LÆVIS,	<i>Smooth Blue Aster</i> (1). - - Cabinet.
483 ASTER UNDULATUS,	<i>Various-leaved Aster</i> (3). - - Cabinet.
484 ASTER CORDIFOLIUS,	<i>Heart-leaved Aster</i> (1). - - Cabinet.
485 ASTER SAGITTIFOLIUS,	<i>Arrow-leaved Aster</i> .
486 ASTER ERICOIDES,	<i>Heath-like Aster</i> .
487 ASTER MULTIFLORUS,	<i>Many-flowered Aster</i> (2). - - Cabinet.
488 ASTER DUMOSUS,	<i>Bushy Aster</i> (1). - - - Cabinet.
489 ASTER TRADESCANTI,	<i>Tradescant's Aster</i> (2). - - Cabinet.
490 ASTER MISER,	<i>Starved Aster</i> .
491 ASTER SIMPLEX,	<i>Willow-leaved Aster</i> (4). - - Cabinet.
492 ASTER TENUIFOLIUS,	<i>Slender-leaved Aster</i> .
493 ASTER GREENII,	<i>Green's Aster</i> .

Latin Names.	English Names.
494 ASTER LAXUS,	<i>Loosely-branched Aster.</i>
495 ASTER ELODES,	<i>Blue Smooth Marsh Aster</i> (1). Cabinet.
496 ASTER FUNICEUS,	<i>Hispid Tall Aster</i> (5). - - Cabinet.
497 ASTER PRENANTHOIDES,	<i>Prenanthes-like Aster</i> (1). - Cabinet.
498 ASTER NOVÆ-ANGLIÆ,	<i>New-England Aster</i> (2). - - Cabinet.
499 ASTER ACUMINATUS,	<i>Acuminate Aster</i> (2). - - - Cabinet.
500 ASTER PTARMICOIDES,	<i>Ptarmicoid Aster</i> (2). - - - Cabinet.
501 ASTER FLEXUOSUS,	<i>Perennial Salt-marsh Aster</i> (1). Cabinet.
502 ASTER LINIFOLIUS,	<i>Annual Salt-marsh Aster</i> (3). Cabinet.
503 DIPLOPAPPUS LINARIIFOLIUS,	<i>Narrow-leaved Diplopappus</i> (6). Cabinet.
504 DIPLOPAPPUS CORNIFOLIUS,	<i>Cornel-leaved Diplopappus</i> (4). Cabinet.
505 DIPLOPAPPUS UMBELLATUS,	<i>Umbelled Diplopappus.</i>
506 ERIGERON CANADENSE,	<i>Horseweed, or Butterweed</i> (1). Cabinet.
507 ERIGERON BELLIDIFOLIUM,	<i>Poor Robert's Plantain</i> (2). - Cabinet.
508 ERIGERON PHILADELPHICUM,	<i>Philadelphia Fleabane</i> (2). - Cabinet.
509 ERIGERON ANNUM,	<i>Sweet Scabious, Daisy, &c.</i> (1). Cabinet.
510 ERIGERON STRIGOSUM,	<i>Fleabane</i> (1). - - - - - Cabinet.
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511 SOLIDAGO SQUARROSA,	<i>Squarrose Goldenrod</i> (1). - - Cabinet.
512 SOLIDAGO BICOLOR,	<i>White Goldenrod</i> (4). - - - Cabinet.
513 SOLIDAGO LATIFOLIA,	<i>Broad-leaved Goldenrod</i> (4). - Cabinet.
514 SOLIDAGO CÆSIA,	<i>Blue-stemmed Goldenrod</i> (3). Cabinet.
515 SOLIDAGO STRICTA,	<i>Willow-leaved Goldenrod</i> (4). Cabinet.
516 SOLIDAGO VIRGA-AUREA,	<i>European Goldenrod</i> (3). - - Cabinet.
517 SOLIDAGO RIGIDA,	<i>Rigid-leaved Goldenrod</i> (2). - Cabinet.
518 SOLIDAGO OHIOENSIS,	<i>Ohio Goldenrod</i> (2). - - - Cabinet.
519 SOLIDAGO SEMPERVIRENS,	<i>Salt-marsh Goldenrod</i> (2). - Cabinet.
520 SOLIDAGO NEGLECTA,	<i>Neglected Goldenrod</i> (1). - - Cabinet.
521 SOLIDAGO PATULA,	<i>Spreading Goldenrod</i> (3). - - Cabinet.
522 SOLIDAGO ARGUTA,	<i>Sharp-toothed Goldenrod</i> (1). Cabinet.
523 SOLIDAGO MUHLENBERGII,	<i>Muhlenberg's Goldenrod</i> (2). - Cabinet.
524 SOLIDAGO ALTISSIMA,	<i>Tall Hairy Goldenrod</i> (1). - Cabinet.

Latin Names.	English Names.
525 SOLIDAGO ULMIFOLIA,	<i>Elm-leaved Goldenrod.</i>
526 SOLIDAGO ODORA,	<i>Sweetscented Goldenrod</i> (2). - Cabinet.
527 SOLIDAGO NEMORALIS,	<i>Gray Goldenrod</i> (3). - - - Cabinet.
528 SOLIDAGO CANADENSIS,	<i>Canadian Goldenrod</i> (1). - - Cabinet.
529 SOLIDAGO SEROTINA,	<i>Late-flowering Goldenrod</i> (2). Cabinet.
530 SOLIDAGO GIGANTEA,	<i>Tall Smooth Goldenrod</i> (1). - Cabinet.
531 SOLIDAGO LANCEOLATA,	<i>Bushy Goldenrod</i> (1). - - - Cabinet.
532 SOLIDAGO TENUIFOLIA,	<i>Slender-leaved Goldenrod</i> (2). Cabinet.
533 CHRYSOPSIS FALCATA,	<i>Sickle-leaved Chrysopsis</i> (2). - Cabinet.
534 CHRYSOPSIS MARIANA,	<i>Maryland Chrysopsis</i> (3). - - Cabinet.
535 BACCHARIS HALIMIFOLIA,	<i>Groundselbush</i> (1). - - - - Cabinet.
536 PLUCHEA CAMPHORATA,	<i>Seaside Marsh-fleabane</i> (2). - Cabinet.
537 INULA HELENIUM,	<i>Common Elecampane</i> (1). - - Cabinet.
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538 POLYMNIA CANADENSIS,	<i>Small-flowered Leafcup</i> (3). - Cabinet.
539 POLYMNIA UVEDALIA,	<i>Large-flowered Leafcup</i> (2). - Cabinet.
540 SILPHIUM TRIFOLIATUM,	<i>Ternate Silphium.</i>
541 IVA FRUTESCENS,	<i>Highwater-shrub</i> (2). - - - Cabinet.
542 AMBROSIA TRIFIDA,	<i>Three-lobed Ragweed</i> (2). - - Cabinet.
543 AMBROSIA ARTEMISIFOLIA,	<i>Hogweed, or Bitterweed</i> (1). - Cabinet.
544 XANTHIUM STRUMARIUM,	<i>Common Cocklebur</i> (1). - - Cabinet.
545 XANTHIUM ECHINATUM,	<i>Sea Cocklebur</i> (2). - - - - Cabinet.
546 XANTHIUM SPINOSUM,	<i>Thorny Cocklebur</i> (1). - - - Cabinet.
547 HELIOPSIS LÆVIS,	<i>Oxeye</i> (1). - - - - - Cabinet.
548 RUDBECKIA HIRTA,	<i>Large Hairy Rudbeckia</i> (2). - Cabinet.
549 RUDBECKIA LACINIATA,	<i>Tall Smooth Rudbeckia</i> (2). - Cabinet.
550 LEPACHYS PINNATA,	<i>Tall Lepachys</i> (2). - - - - Cabinet.
551 HELIANTHUS GIGANTEUS,	<i>Tall Wild Sunflower</i> (4). - Cabinet.
552 HELIANTHUS STRUMOSUS,	<i>Wild Sunflower</i> (2). - - - Cabinet.
553 HELIANTHUS DECAPETALUS,	<i>Wild Sunflower</i> (1). - - - Cabinet.
554 HELIANTHUS DIVARICATUS,	<i>Small Rough-leaved Sunflower</i> (3). Cabinet.
555 HELIANTHUS TUBEROSUS,	<i>Jerusalem Artichoke</i> (1). - - Cabinet.

Latin Names.	English Names.	
556 ACTINOMERIS SQUARROSA,	<i>Squarrose Actinomeris</i> (1).	- Cabinet.
557 COREOPSIS TRICHOSPERMA,	<i>Tickseed Sunflower</i> (1).	- - Cabinet.
558 COREOPSIS ROSEA,	<i>Small Rose-colored Coreopsis</i> (1).	Cabinet.
559 BIDENS FRONDOSA,	<i>Common Bur-marigold</i> , or <i>Sticktight</i> (2).	Cabinet.
560 BIDENS CONNATA,	<i>Swamp Beggarticks</i> (2).	- - Cabinet.
561 BIDENS CERNUA,	<i>Swamp Beggarticks</i> .	
562 BIDENS CHRYSANTHEMOIDES,	<i>Large-flowered Bur-marigold</i> (1).	Cab.
563 BIDENS BECKII,	<i>Water Marigold</i> (2).	- - - Cabinet.
564 BIDENS BIPINNATA,	<i>Spanish-needles</i> (2).	- - - Cabinet.
565 HELENIUM AUTUMNALE,	<i>Sneezeweed</i> (2).	- - - - - Cabinet.
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566 MARUTA COTULA,	<i>Fetid Chamomile</i> , or <i>Mayweed</i> (1).	Cabinet.
567 ANTHEMIS ARVENSIS,	<i>Wild Chamomile</i> (1).	- - - Cabinet.
568 ACHILLEA MILLEFOLIUM,	<i>Common Yarrow</i> (1).	- - - Cabinet.
569 LEUCANTHEMUM VULGARE,	<i>Whiteweed</i> , or <i>Daisy</i> (2).	- - Cabinet.
570 TANACETUM VULGARE,	<i>Common Tansey</i> (1).	- - - Cabinet.
571 ARTEMISIA CANADENSIS,	<i>Wild Wormwood</i> (1).	- - - Cabinet.
572 ARTEMISIA CAUDATA,	<i>Tall Biennial Wormwood</i> (2).	Cabinet.
573 ARTEMISIA VULGARIS,	<i>Mugwort</i> .	
574 GNAPHALIUM DECURRENS,	<i>Decurrent Cudweed</i> (1).	- - Cabinet.
575 GNAPHALIUM POLYCEPHALUM,	<i>Life-everlasting</i> (2).	- - - Cabinet.
576 GNAPHALIUM ULIGINOSUM,	<i>Marsh Cudweed</i> (2).	- - - Cabinet.
577 GNAPHALIUM PURPUREUM,	<i>Purple Cudweed</i> (4).	- - - Cabinet.
578 ANTENNARIA MARGARITACEA,	<i>Pearly Everlasting</i> (2).	- Cabinet.
579 ANTENNARIA PLANTAGINIFOLIA,	<i>Plantain-leaved Cudweed</i> (3).	Cabinet.
580 FILAGO GERMANICA,	<i>Herba Impia</i> (2).	- - - - - Cabinet.
581 ERECHTITES HIERACIFOLIUS,	<i>Common Fireweed</i> (1).	- - - Cabinet.
582 CACALIA SUAVEOLENS,	<i>Sweetscented Indian Plantain</i> .	
583 CACALIA ATRIPPLICIFOLIA,	<i>Indian Plantain</i> (1).	- - - Cabinet.
584 SENECIO VULGARIS,	<i>Common Groundsel</i> (1).	- - Cabinet.
585 SENECIO AUREUS,	<i>Life-root</i> , or <i>Squaw-weed</i> (7).	Cabinet.
586 ARNICA MOLLIS,	<i>Soft Arnica</i> (2).	- - - - - Cabinet.

Latin Names.	English Names.
587 C ^{ENT} AUREA CYANUS,	<i>Bluebottle, or French Pink</i> (1). Cabinet.
588 C ^{ARDUUS} BENEDICTUS,	<i>Common Blessed-thistle.</i>
589 C ^{IRSIUM} LANCEOLATUM,	<i>Common Thistle</i> (1). - - - Cabinet.
590 C ^{IRSIUM} DISCOLOR,	<i>Two-colored Thistle</i> (2). - - - Cabinet.
591 C ^{IRSIUM} MUTICUM,	<i>Awnless Swamp Thistle</i> (2). - - - Cabinet.
592 C ^{IRSIUM} PUMILUM,	<i>Pasture Thistle</i> (2). - - - Cabinet.
593 C ^{IRSIUM} HORRIDULUM,	<i>Yellow Thistle</i> (1). - - - - Cabinet.
594 C ^{IRSIUM} ARVENSE,	<i>Canada Thistle</i> (2). - - - Cabinet.
595 L ^{APPA} MAJOR,	<i>Common Burdock</i> (1). - - - Cabinet.
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596 K ^{RIGIA} VIRGINICA,	<i>Common Dwarf Dandelion</i> (4). Cabinet.
597 C ^{YNTHIA} VIRGINICA,	<i>Virginian Cynthia</i> (3). - - - Cabinet.
598 C ^{ICHORIUM} INTYBUS,	<i>Wild Succory, or Chicory</i> (2). Cabinet.
599 H ^{IERACIUM} CANADENSE,	<i>Sharp-toothed Hawkweed</i> (2). Cabinet.
600 H ^{IERACIUM} SCABRUM,	<i>Rough Hawkweed</i> (1). - - - Cabinet.
601 H ^{IERACIUM} GRONOVII,	<i>Gronovius's Hawkweed</i> (2). - - - Cabinet.
602 H ^{IERACIUM} VENOSUM,	<i>Rattlesnakeweed</i> (1). - - - Cabinet.
603 H ^{IERACIUM} PANICULATUM,	<i>Panicled Hawkweed</i> (2). - - - Cabinet.
604 N ^{ABALUS} ALBUS,	<i>Lionsfoot, or White Lettuce</i> (5). Cabinet.
605 N ^{ABALUS} ALTISSIMUS,	<i>Tall Nabalus</i> (1). - - - - Cabinet.
606 N ^{ABALUS} FRASERI,	<i>Gall-of-the-earth.</i>
607 N ^{ABALUS} NANUS,	<i>Dwarf Nabalus</i> (1). - - - Cabinet.
608 N ^{ABALUS} BOOTHII,	<i>Boott's Nabalus.</i>
609 T ^{ARAXACUM} DENS-LEONIS,	<i>Common Dandelion</i> (1). - - - Cabinet.
610 L ^{LACTUCA} ELONGATA,	<i>Wild Lettuce, or Fireweed</i> (4). Cabinet.
611 M ^{MULGEDIUM} ACUMINATUM,	<i>Sharp-leaved Mulgedium</i> (2). Cabinet.
612 M ^{MULGEDIUM} LEUCOPHLEUM,	<i>Tall Mulgedium</i> (4). - - - Cabinet.
613 S ^{ONCHUS} OLERACEUS,	<i>Common Sowthistle</i> (1). - - - Cabinet.
614 S ^{ONCHUS} ASPER,	<i>Spiny-leaved Sowthistle.</i>
615 S ^{ONCHUS} ARVENSIS,	<i>Large-flowered Sowthistle</i> (1). Cabinet.

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ORDER LVI. LOBELIACEÆ.

Latin Names.	English Names.
616 LOBELIA KALMII,	<i>Kalm's Lobelia</i> (8). - - - - Cabinet.
617 LOBELIA NUTTALLII,	<i>Nuttall's Lobelia</i> (3). - - - Cabinet.
618 LOBELIA SPICATA,	<i>Pale-spiked Lobelia</i> (3). - - Cabinet.
619 LOBELIA DORTMANNA,	<i>Water Gladiole</i> (3). - - - Cabinet.
620 LOBELIA SYPHILITICA,	<i>Blue Cardinalflower</i> (2). - - Cabinet.
621 LOBELIA INFLATA,	<i>Indian Tobacco</i> (3). - - - - Cabinet.
622 LOBELIA CARDINALIS,	<i>Cardinalflower</i> (3). - - - - Cabinet.

ORDER LVII. CAMPANULACEÆ.

623 CAMPANULA ROTUNDFOLIA,	<i>Harebell</i> (3). - - - - - Cabinet.
624 CAMPANULA APARINOIDES,	<i>Slender Swamp Bellflower</i> (3). Cabinet.
625 CAMPANULA AMERICANA,	<i>American Bellflower</i> (2). - - Cabinet.
626 SPECULARIA PERFOLIATA,	<i>Clasping Specularia</i> (5). - - Cabinet.

ORDER LVIII. ERICACEÆ.

627 ARCTOSTAPHYLOS UVA-URSI,	<i>Bearberry</i> (3). - - - - - Cabinet.
628 CLETHRA ALNIFOLIA,	<i>Common Sweet Pepperbush</i> (3). Cabinet.
629 EPIGÆA REPENS,	<i>Ground Laurel</i> (4). - - - - Cabinet.
630 GAUTIERA PROCUMBENS,	<i>Partridgeberry, or Teaberry</i> (6). Cabinet.
631 ANDROMEDA POLYFOLIA,	<i>Wild Rosemary</i> (2). - - - Cabinet.
632 ANDROMEDA CALYCVLATA,	<i>Leatherleaf</i> (3). - - - - - Cabinet.
633 ANDROMEDA MARIANA,	<i>Kill-lamb, or Staggerbush</i> (3). Cabinet.
634 ANDROMEDA RACEMOSA,	<i>Racemed Andromeda</i> (2). - - Cabinet.
635 ANDROMEDA LIGUSTRINA,	<i>Privet Andromeda</i> (2). - - Cabinet.
636 RHODODENDRON MAXIMUM,	<i>Great Laurel</i> (2). - - - - Cabinet.
637 RHODODENDRON LAPONICUM,	<i>Procumbent Alpine Rosebay</i> (5). Cabinet.
638 RHODODENDRON NUDIFLORUM,	<i>Upright Wild Honeysuckle</i> (4). Cabinet.
639 RHODODENDRON VISCOSUM,	<i>White Wild Honeysuckle</i> (3). Cabinet.
640 RHODODENDRON HISPIDUM,	<i>Hispid Azalea.</i>
641 RHODODENDRON RHODORA,	<i>Rhodora</i> (2). - - - - - Cabinet.
642 KALMIA LATIFOLIA,	<i>Calicobush</i> (3). - - - - - Cabinet.
643 KALMIA ANGUSTIFOLIA,	<i>Dwarf or Sheep Laurel</i> (2). - Cabinet.

Latin Names.	English Names.
644 KALMIA GLAUCA,	<i>Swamp Laurel</i> (4). - - - Cabinet.
645 LEDUM PALUSTRE,	<i>Labrador-tea</i> (3). - - - Cabinet.
646 VACCINIUM ULIGINOSUM,	<i>Alpine Bilberry</i> (1). - - - Cabinet.
647 VACCINIUM VACILLANS,	<i>Low Blue Huckleberry</i> (1). - Cabinet.
648 VACCINIUM PENNSYLVANICUM,	<i>Dwarf Blue Huckleberry</i> (3). Cabinet.
649 VACCINIUM CORYMBOSUM,	<i>Tall Swamp Huckleberry</i> (5). Cabinet.
650 VACCINIUM CANADENSE,	<i>Black Bilberry</i> (1). - - - Cabinet.
651 VACCINIUM STAMINEUM,	<i>Deerberry, or Squaw Huckleberry</i> (3). Cabinet.
652 VACCINIUM OXYCOCCUS,	<i>Small Cranberry</i> (2). - - - Cabinet.
653 VACCINIUM MACROCARPON,	<i>Common Cranberry</i> (5). - - Cabinet.
654 GAYLUSSACIA HIRTELLA,	<i>Dwarf Swamp Huckleberry.</i>
655 GAYLUSSACIA FRONDOSA,	<i>Bluetangle, or Dangleberry</i> (1). Cabinet.
656 GAYLUSSACIA RESINOSA,	<i>Black Huckleberry</i> (2). - - Cabinet.
657 CHIOGENES HISPIDULA,	<i>Creeping Snowberry</i> (2). - - Cabinet.
658 PYROLA ROTUNDIFOLIA,	<i>Round-leaved Wintergreen</i> (3). Cabinet.
659 PYROLA ELLIPTICA,	<i>Shinleaf</i> (3). - - - - - Cabinet.
660 PYROLA CHLORANTHA,	<i>Greenish-flowered Wintergreen</i> (2). Cabinet.
661 PYROLA ULIGINOSA,	<i>Swamp Wintergreen.</i>
662 PYROLA SECUNDA,	<i>Onesided Wintergreen</i> (4). - Cabinet.
663 PYROLA UNIFLORA,	<i>One-flowered Wintergreen</i> (6). Cabinet.
664 CHIMAPHILA UMBELLATA,	<i>Pipsissewa, or Prince's-pine</i> (4). Cabinet.
665 CHIMAPHILA MACULATA,	<i>Spotted Wintergreen</i> (4). - - Cabinet.
666 MONOTROPA UNIFLORA,	<i>Indian-pipe</i> (6). - - - - - Cabinet.
667 MONOTROPA LANUGINOSA,	<i>Pinesap, or False Beechdrops</i> (7). Cabinet.
668 PTEROSPORA ANDROMEDEA,	<i>Giant Birdsnest</i> (2). - - - Cabinet.

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ORDER LIX. AQUIFOLIACEÆ.

669 ILEX OPACA,	<i>American Holly</i> (3). - - - Cabinet.
670 ILEX AMBIGUUS,	<i>Ambiguous Ilex</i> (2). - - - Cabinet.
671 PRINOS VERTICILLATUS,	<i>Common Winterberry</i> (3). - Cabinet.
672 PRINOS LÆVIGATUS,	<i>Smooth Winterberry</i> (2). - - Cabinet.
673 PRINOS GLABER,	<i>Evergreen Winterberry, or Inkberry</i> (2). Cabinet.
674 NEMOPANTHES CANADENSIS,	<i>Mountain Holly</i> (2). - - - Cabinet.

ORDER LX. EBENACEÆ.

Latin Names.	English Names.	
675 DIOSPYROS VIRGINIANA,	<i>Persimmon</i> (3).	- - - - - Cabinet.

ORDER LXI. PRIMULACEÆ.

676 PRIMULA MISTASSINICA,	<i>Dwarf Canadian Primrose</i> (6).	Cabinet.
677 LYSIMACHIA STRICTA,	<i>Racemed Loosestrife</i> (2).	- - Cabinet.
678 LYSIMACHIA QUADRIFOLIA,	<i>Whorled Loosestrife</i> (3).	- - Cabinet.
679 LYSIMACHIA CILIATA,	<i>Fringed Loosestrife</i> (2).	- - Cabinet.
680 LYSIMACHIA HYBRIDA,	<i>Hybrid Loosestrife</i> (1).	- - Cabinet.
681 LYSIMACHIA LONGIFOLIA,	<i>Revolvte Loosestrife</i> (1).	- - Cabinet.
682 LYSIMACHIA THYRSIFLORA,	<i>Tufted Loosestrife</i> (3).	- - - Cabinet.
683 TRIENTALIS AMERICANA,	<i>Chickweed Wintergreen</i> (4).	- Cabinet.
684 ANAGALLIS ARVENSIS,	<i>Scarlet Pimpernel</i> (4).	- - Cabinet.
685 HOTTONIA INFLATA,	<i>American Waterfeather</i> (1).	- Cabinet.
686 SAMOLUS VALERANDI,	<i>Common Water Pimpernel</i> (3).	Cabinet.

ORDER LXII. PLANTAGINACEÆ.

687 PLANTAGO MAJOR,	<i>Broad-leaved Plantain</i> (1).	- Cabinet.
688 PLANTAGO CORDATA,	<i>Heart-leaved Plantain</i> (2).	- Cabinet.
689 PLANTAGO LANCEOLATA,	<i>Ribgrass</i> (2).	- - - - - Cabinet.
690 PLANTAGO VIRGINICA,	<i>White Plantain</i> (4).	- - - Cabinet.
691 PLANTAGO MARITIMA,	<i>Sea Plantain</i> (4).	- - - - Cabinet.
692 PLANTAGO PUSILLA,	<i>Dwarf Plantain</i> (10).	- - - Cabinet.

ORDER LXIII. PLUMBAGINACEÆ.

693 STATICE LIMONIUM,	<i>Common Marsh Rosemary</i> (1).	Cabinet.
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ORDER LXIV. LENTIBULACEÆ.

694 PINGUICULA VULGARIS,	<i>Common Butterwort</i> (3).	- - Cabinet.
695 UTRICULARIA INFLATA,	<i>Spongy-leaved Bladderwort</i> (2).	Cabinet.
696 UTRICULARIA PURPUREA,	<i>Purple Bladderwort.</i>	
697 UTRICULARIA VULGARIS,	<i>Common Bladderwort</i> (3).	- Cabinet.
698 UTRICULARIA CORNUTA,	<i>Sharp-horned Bladderwort</i> (5).	Cabinet.
699 UTRICULARIA STRIATA,	<i>Striated Bladderwort.</i>	
700 UTRICULARIA INTERMEDIA,	<i>Intermediate Bladderwort.</i>	
701 UTRICULARIA MINOR,	<i>Lesser Bladderwort.</i>	

ORDER LXV. OROBANCHACEÆ.

Latin Names.	English Names.	
702 OROBANCHE AMERICANA,	<i>Squawroot</i> (2).	- - - - Cabinet.
703 OROBANCHE UNIFLORA,	<i>Long-stalked Broomrape</i> (4).	Cabinet.
704 EPIPHEGUS AMERICANA,	<i>Beechdrops, or Cancer-root</i> (3).	Cabinet.

Vol. 23.] ORDER LXVI. BIGNONIACEÆ.

705 CATALPA SYRINGÆFOLIA,	<i>Indian Bean.</i>
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ORDER LXVII. PEDALIACEÆ.

706 MARTYNIA PROBOSCIDEA,	<i>Unicorn-plant</i> (2).	- - - - Cabinet.
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ORDER LXVIII. ACANTHACEÆ.

707 DIANTHERA AMERICANA,	<i>Water Willow</i> (2).	- - - - Cabinet.
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ORDER LXIX. SCROPHULARIACEÆ.

708 VERBASCUM THAPSUS,	<i>Common Mullein</i> (2).	- - - Cabinet.
709 VERBASCUM BLATTARIA,	<i>Moth Mullein</i> (2).	- - - - Cabinet.
710 VERBASCUM LYCHNITIS,	<i>White Mullein</i> (4).	- - - - Cabinet.
711 SCROPHULARIA MARILANDICA,	<i>Figwort</i> (2).	- - - - - Cabinet.
712 LINARIA ELATINE,	<i>Hairy Toadflax.</i>	
713 LINARIA VULGARIS,	<i>Common Toadflax</i> (3).	- - - Cabinet.
714 LINARIA CANADENSIS,	<i>Canadian Toadflax</i> (4).	- - - Cabinet.
715 COLLINSIA VERNA,	<i>May-beauty</i> (5).	- - - - - Cabinet.
716 CHELONE GLABRA,	<i>Shellflower, or Snakehead</i> (2).	Cabinet.
717 PENTSTEMON PUBESCENS,	<i>Pubescent Pentstemon</i> (1).	- - - Cabinet.
718 MIMULUS RINGENS,	<i>Common Monkeyflower</i> (2).	- - - Cabinet.
719 MIMULUS ALATUS,	<i>Wing-stemmed Monkeyflower</i> (2).	Cabinet.
720 GRATIOLA VIRGINICA,	<i>Common Hedgehyssop</i> (3).	- - - Cabinet.
721 GRATIOLA AUREA,	<i>Golden Hedgehyssop</i> (4).	- - - Cabinet.
722 LINDERNIA DILATATA,	<i>Long-stalked Lindernia</i> (3).	- - - Cabinet.
723 LINDERNIA ATTENUATA,	<i>Short-stalked Lindernia</i> (3).	- - - Cabinet.
724 BUCHNERA AMERICANA,	<i>Bluehearts</i> (4).	- - - - - Cabinet.
725 LIMOSELLA AQUATICA,	<i>Common Mudwort</i> (5).	- - - - - Cabinet.
726 VERONICA SERPYLLIFOLIA,	<i>Paul's Betony</i> (7).	- - - - - Cabinet.
727 VERONICA OFFICINALIS,	<i>Common Speedwell.</i>	

Latin Names.	English Names.	
728 VERONICA BECCABUNGA,	<i>American Brooklime</i> (2),	- - Cabinet.
729 VERONICA ANAGALLIS,	<i>Water Speedwell</i> (1),	- - - Cabinet.
730 VERONICA SCUTELLATA,	<i>Marsh Speedwell</i> (3),	- - - Cabinet.
731 VERONICA PEREGRINA,	<i>Neckweed.</i>	
732 VERONICA ARVENSIS,	<i>Corn Speedwell</i> (5),	- - - Cabinet.
733 VERONICA AGRESTIS,	<i>Field Speedwell</i> (1),	- - - Cabinet.
734 VERONICA HEDERIFOLIA,	<i>Ivy-leaved Speedwell</i> (8),	- - Cabinet.
735 PÆDEROTA VIRGINICA,	<i>Culver's-physic</i> (5),	- - - - Cabinet.
736 GERARDIA TENUIFOLIA,	<i>Slender-stalked Gerardia</i> (4),	Cabinet.
737 GERARDIA PURPUREA,	<i>Rough-leaved Gerardia</i> (2),	- Cabinet.
738 GERARDIA MARITIMA,	<i>Saltmarsh Gerardia</i> (2),	- - Cabinet.
739 GERARDIA PEDICULARIA,	<i>Bushy Gerardia</i> (3),	- - - Cabinet.
740 GERARDIA FLAVA,	<i>Pubescent False-foxglove</i> (3),	Cabinet.
741 GERARDIA QUERCIFOLIA,	<i>Glaucous False-foxglove</i> (3),	- Cabinet.
742 CASTILLEJA COCCINEA,	<i>Scarlet Paintedcup, or Redrobin</i> (3),	Cabinet.
743 PEDICULARIS CANADENSIS,	<i>Common Lousewort</i> (4),	- - Cabinet.
744 PEDICULARIS LANCEOLATA,	<i>Tall Lousewort</i> (2),	- - - Cabinet.
745 MELAMPYRUM AMERICANUM,	<i>American Cow-wheat</i> (3),	- - Cabinet.

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ORDER LXX. VERBENACEÆ.

746 VERBENA HASTATA,	<i>Tall Blue Vervain</i> (3),	- - Cabinet.
747 VERBENA URTICIFOLIA,	<i>Common Vervain</i> (3),	- - - Cabinet.
748 VERBENA SPURIA,	<i>Procumbent Vervain.</i>	
749 VERBENA ANGUSTIFOLIA,	<i>Narrow-leaved Vervain</i> (2),	- Cabinet.
750 PHRYMA LEPTOSTACHYA,	<i>Lopseed</i> (2),	- - - - - Cabinet.

ORDER LXXI. LABIATÆ.

751 ISANTHUS CÆRULEUS,	<i>False Pennyroyal</i> (1),	- - - Cabinet.
752 MENTHA VIRIDIS,	<i>Spearmint</i> (1),	- - - - - Cabinet.
753 MENTHA PIPERITA,	<i>Peppermint</i> (2),	- - - - - Cabinet.
754 MENTHA CANADENSIS,	<i>Canadian Mint</i> (2),	- - - - - Cabinet.
755 LYCOPUS SINUATUS,	<i>Common Water Horehound</i> (2),	Cabinet.
756 LYCOPUS VIRGINICUS,	<i>Bugleweed</i> (1),	- - - - - Cabinet.
757 MONARDA DIDYMA,	<i>Oswego-tea</i> (2),	- - - - - Cabinet.

Latin Names.	English Names.
758 MONARDA FISTULOSA,	<i>Wild Bergamot</i> (1). - - - Cabinet.
759 MONARDA PUNCTATA,	<i>Horsemint</i> .
760 BLEPHILIA HIRSUTA,	<i>Hairy Blephilia</i> (2). - - - Cabinet.
761 PYCNANTHEMUM INCANUM,	<i>Common Mountain-mint</i> (2). - Cabinet.
762 PYCNANTHEMUM CLINOPODIOIDES,	<i>Basil-leaved Mountain-mint</i> (1). Cab.
763 PYCNANTHEMUM TORREI,	<i>Torrey's Mountain-mint</i> (2). - Cabinet.
764 PYCNANTHEMUM MUTICUM,	<i>Broad-leaved Mountain-mint</i> (2). Cabinet.
765 PYCNANTHEMUM LANCEOLATUM,	<i>Virginian Thyme</i> (2). - Cabinet.
766 PYCNANTHEMUM LINIFOLIUM,	<i>Narrow-leaved Thyme</i> (1). - Cabinet.
767 ORIGANUM VULGARE,	<i>Wild Marjoram</i> (2). - - - Cabinet.
768 COLLINSONIA CANADENSIS,	<i>Common Horsebalm</i> (2). - - Cabinet.
769 CUNILA MARIANA,	<i>Common Dittany</i> (3). - - - Cabinet.
770 HEDEOMA PULEGIOIDES,	<i>Pennyroyal</i> (3). - - - - - Cabinet.
771 MICROMERIA GLABELLA,	<i>Niagara Thyme</i> (5). - - - Cabinet.
772 MELISSA CLINOPODIUM,	<i>Wild Basil</i> (3). - - - - - Cabinet.
773 MELISSA OFFICINALIS,	<i>Common Balm</i> (1). - - - - Cabinet.
774 PRUNELLA VULGARIS,	<i>Common Selfheal, or Healall</i> (3). Cabinet.
775 SCUTELLARIA PILOSA,	<i>Hairy Scullcap</i> (2). - - - Cabinet.
776 SCUTELLARIA INTEGRIFOLIA,	<i>Entire-leaved Scullcap</i> (2). - Cabinet.
777 SCUTELLARIA PARVULA,	<i>Small Scullcap</i> (4). - - - Cabinet.
778 SCUTELLARIA NERVOSA,	<i>Nerved Scullcap</i> .
779 SCUTELLARIA GALERICULATA,	<i>Common Scullcap</i> (2). - - Cabinet.
780 SCUTELLARIA LATERIFLORA,	<i>Mad-dog Scullcap</i> (1). - - - Cabinet.
781 LOPHANTHUS NEPETOIDES,	<i>Yellow Giant-hyssop</i> (1). - - Cabinet.
782 LOPHANTHUS SCROPHULARIÆFOLIUS,	<i>Purple Giant-hyssop</i> (2). Cabinet.
783 NEPETA CATARIA,	<i>Common Catnep</i> (2). - - - Cabinet.
784 NEPETA GLECHOMA,	<i>Groundivy, or Gill</i> (2). - - Cabinet.
785 DRACOCEPHALUM PARVIFLORUM,	<i>Small-flowered Dragonshead</i> (2). Cab.
786 PHYSOSTEGIA VIRGINIANA,	<i>Virginian Dragonshead</i> (3). - Cabinet.
787 LAMIUM AMPLEXICAULE,	<i>Common Deadnettle, or Henbit</i> (2). Cabinet.
788 LEONURA CARDIACA,	<i>Common Motherwort</i> (2). - - Cabinet.
789 MARRUBIUM VULGARE,	<i>Common Horehound</i> (2). - - Cabinet.

Latin Names.	English Names.			
790 GALEOPSIS TETRAHIT,	<i>Common Hempnettle</i> (2).	-	-	Cabinet.
791 STACHYS ASPERA,	<i>Rough Hedgenettle</i> (1).	-	-	Cabinet.
792 STACHYS PALUSTRIS,	<i>Marsh Hedgenettle</i> (1).	-	-	Cabinet.
793 STACHYS HYSSOPIFOLIA,	<i>Narrow-leaved Hedgenettle</i> (2).			Cabinet.
794 TRICHOSTEMA DICHOTOMA,	<i>Bluecurls, or False Pennyroyal</i> (2).			Cabinet.
795 TEUCRIUM CANADENSE,	<i>Woodsage, or Germander</i> (2).			Cabinet.

Vol. 25.] ORDER LXXII. BORAGINACEÆ.

796 ONOSMOBIUM HISPIDUM,	<i>False Gromwell</i> (2).	-	-	-	Cabinet.
797 ECHIMUM VULGARE,	<i>Viper's Bugloss</i> (2).	-	-	-	Cabinet.
798 PULMONARIA VIRGINICA,	<i>Virginian Lungwort</i> (2).	-	-		Cabinet.
799 LITHOSPERMUM ARVENSE,	<i>Corn Gromwell, or Stoneweed</i> (2).				Cabinet.
800 LITHOSPERMUM OFFICINALE,	<i>Common Gromwell.</i>				
801 BATSCHIA CANESCENS,	<i>Common Puccoon</i> (2).	-	-	-	Cabinet.
802 LYCOPSIS ARVENSIS,	<i>Small Bugloss</i> (1).	-	-	-	Cabinet.
803 MYOSOTIS PALUSTRIS,	<i>American Forget-me-not</i> (5).	-			Cabinet.
804 MYOSOTIS ARVENSIS,	<i>Field Scorpion-grass</i> (5).	-	-		Cabinet.
805 SYMPHITUM OFFICINALE,	<i>Common Comfrey</i> (1).	-	-	-	Cabinet.
806 CYNOGLOSSUM OFFICINALE,	<i>Common Houndstongue</i> (2).	-			Cabinet.
807 CYNOGLOSSUM VIRGINICUM,	<i>Wild Comfrey</i> (2).	-	-	-	Cabinet.
808 ECHINOSPERMUM LAPPULA,	<i>Narrow-leaved Stickseed</i> (2).	-			Cabinet.
809 ECHINOSPERMUM VIRGINICUM,	<i>Broad-leaved Stickseed</i> (2).	-			Cabinet.

ORDER LXXIII. HYDROPHYLLACEÆ.

810 HYDROPHYLLUM VIRGINICUM,	<i>Virginian Waterleaf</i> (3).	-			Cabinet.
811 HYDROPHYLLUM CANADENSE,	<i>Canadian Waterleaf</i> (2).	-			Cabinet.
812 HYDROPHYLLUM APPENDICULATUM,	<i>Hairy Waterleaf</i> (1).	-			Cabinet.

ORDER LXXIV. POLEMONIACEÆ.

813 PHLOX DIVARICATA,	<i>Divaricate Phlox</i> (1).	-	-	-	Cabinet.
814 PHLOX SUBULATA,	<i>Mountain Pink</i> (1).	-	-	-	Cabinet.
815 POLEMONIUM REPTANS,	<i>Jacob's-ladder</i> (1).	-	-	-	Cabinet.

ORDER LXXV. DIAPENSIACEÆ.

816 DIAPENSIA LAPPONICA,	<i>Lapland Diapensia</i> (7).	-	-		Cabinet.
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Vol. 26.] ORDER LXXVI. CONVULVULACEÆ.

Latin Names.	English Names.			
817 CONVULVULUS ARVENSIS,	<i>Common Bindweed</i> (2).	-	-	Cabinet.
818 CONVULVULUS PANDURATUS,	<i>Man-of-the-earth</i> (4).	-	-	Cabinet.
819 CALYSTEGIA SEPIUM,	<i>Great Bindweed</i> (6).	-	-	Cabinet.
820 CALYSTEGIA SPITHAMEA,	<i>Upright Bindweed</i> (3).	-	*	Cabinet.
821 CUSCUTA GRONOVII,	<i>Common Dodder</i> (4).	-	-	Cabinet.
822 CUSCUTA UMEROSA,	<i>Smooth-flowered Dodder.</i>			
823 CUSCUTA EPILINUM,	<i>Flax Dodder</i> (1).	-	-	Cabinet.

ORDER LXXVII. SOLANACEÆ.

824 NICOTIANA RUSTICA,	<i>Wild Tobacco</i> (2).	-	-	Cabinet.
825 DATURA STRAMONIUM,	<i>Jamestown-weed, or Stinkweed</i> (1).	-	-	Cabinet.
826 HYOSCYAMUS NIGER,	<i>Common Henbane</i> (2).	-	-	Cabinet.
827 NICANDRA PHYSALOIDES,	<i>Apple-of-Peru</i> (2).	-	-	Cabinet.
828 PHYSALIS VISCOSA,	<i>Groundcherry</i> (3).	-	-	Cabinet.
829 SOLANUM DULCAMARA,	<i>Bittersweet</i> (2).	-	-	Cabinet.
830 SOLANUM NIGRUM,	<i>Common Nightshade</i> (2).	-	-	Cabinet.
831 SOLANUM CAROLINIANUM,	<i>Horsenettle.</i>			

ORDER LXXVIII. GENTIANACEÆ.

832 GENTIANA SAPONARIA,	<i>Soap Gentian</i> (2).	-	-	Cabinet.
833 GENTIANA ANDREWSII,	<i>Andrews's Gentian</i> (7).	-	-	Cabinet.
834 GENTIANA OCHROLEUCA,	<i>Ochroleucous Gentian.</i>			
835 GENTIANA QUINQUEFLORA,	<i>Five-flowered Gentian</i> (1).	-	-	Cabinet.
836 GENTIANA DETONSA,	<i>Smaller-fringed Gentian</i> (2).	-	-	Cabinet.
837 GENTIANA CRINITA,	<i>Large-fringed Gentian</i> (3).	-	-	Cabinet.
838 FRASERA CAROLINENSIS,	<i>American Columbo</i> (3).	-	-	Cabinet.
839 HALENIA DEFLEXA,	<i>Deflexed Halenia</i> (1).	-	-	Cabinet.
840 ERYTHRÆA CENTAURIUM,	<i>Common Centaury</i> (1).	-	-	Cabinet.
841 ERYTHRÆA MUHLENBERGII,	<i>Muhlenberg's Centaury</i> (1).	-	-	Cabinet.
842 BARTONIA TENELLA,	<i>Late-flowered Bartonian</i> (5).	-	-	Cabinet.
843 SABBATIA STELLARIS,	<i>Saltmarsh Centaury</i> (7).	-	-	Cabinet.
844 SABBATIA ANGULARIS,	<i>American Centaury</i> (3).	-	-	Cabinet.

Latin Names.	English Names.	
845 SABBATIA CHLOROIDES,	<i>Large-flowered Sabbatia</i> (5).	- Cabinet.
846 MENYANTHES TRIFOLIATA,	<i>Buckbean</i> (2).	- - - Cabinet.
847 LIMNANTHEMUM LACUNOSUM,	<i>Floatingheart</i> (2).	- - - Cabinet.

Vol. 27.] ORDER LXXIX. APOCYNACEÆ.

848 APOCYNUM ANDROSÆMIFOLIUM,	<i>Dogsbane</i> (5).	- - - Cabinet.
849 APOCYNUM CANNABINUM,	<i>Indian Hemp</i> (2).	- - - Cabinet.

ORDER LXXX. ASCLEPIADACEÆ

850 ASCLEPIAS CORNUTI,	<i>Silkweed, or Milkweed</i> (2).	- Cabinet.
851 ASCLEPIAS PURPURASCENS,	<i>Purple Silkweed</i> (5).	- - - Cabinet.
852 ASCLEPIAS PHYTOLACCOIDES,	<i>Poke-leaved Milkweed</i> (3).	- Cabinet.
853 ASCLEPIAS OETUSIFOLIA,	<i>Waved-leaved Milkweed</i> (2).	- Cabinet.
854 ASCLEPIAS VARIEGATA,	<i>Variiegated Silkweed</i> (2).	- - Cabinet.
855 ASCLEPIAS QUADRIFOLIA,	<i>Four-leaved Silkweed</i> (2).	- Cabinet.
856 ASCLEPIAS INCARNATA,	<i>Swamp Silkweed</i> (2).	- - - Cabinet.
857 ASCLEPIAS TUBEROSA,	<i>Pleurisy-root, or Butterfly-weed</i> (2).	Cabinet.
858 ASCLEPIAS VERTICILLATA,	<i>Whorled Silkweed</i> (3).	- - - Cabinet.
859 ACERATES VIRIDIFLORA,	<i>Green-flowered Silkweed</i> (3).	- Cabinet.

ORDER LXXXI. OLEACEÆ.

860 FRAXINUS AMERICANA,	<i>White Ash</i> (5).	- - - - Cabinet.
861 FRAXINUS SAMBUCIFOLIA,	<i>Black Ash, or Water Ash</i> (1).	Cabinet.
862 FRAXINUS PUBESCENS,	<i>Gray Ash</i> (1).	- - - - Cabinet.
863 LIGUSTRUM VULGARE,	<i>Common Privet</i> (2).	- - - Cabinet.

Vol. 28.] ORDER LXXXII. ARISTOLOCHIACEÆ.

864 ARISTOLOCHIA SERPENTARIA,	<i>Virginia Snakeroot</i> (2).	- - Cabinet.
865 ASARUM CANADENSE,	<i>Wild Ginger, or Coltsfoot</i> (2).	Cabinet.

ORDER LXXXIII. CHENOPODIACEÆ.

866 CHENOPODIUM ALBUM,	<i>Goosefoot, or Lamb's-quarters</i> (2).	Cabinet.
867 CHENOPODIUM HYBRIDUM,	<i>Maple-leaved Goosefoot</i> (3).	- Cabinet.
868 AMBRINA BOTRYS,	<i>Jerusalem-oak</i> (2).	- - - Cabinet.
869 AMBRINA ANTHELMINTICA,	<i>Wormseed</i> (1).	- - - - Cabinet.

Latin Names.	English Names.
870 AMBRINA AMBROSIODES,	<i>Mexican Tea</i> (1). - - - Cabinet.
871 BLITUM MARITIMUM,	<i>Saltmarsh Blite</i> .
872 BLITUM CAPITATUM,	<i>Strawberry Blite</i> (1). - - - Cabinet.
873 BLITUM BONUS-HENRICUS,	<i>Good-King-Henry</i> (2). - - - Cabinet.
874 ATRIPLEX PATULA,	<i>Halbert-leaved Orach</i> (3). - - Cabinet.
875 OBIONE ARENARIA,	<i>Seabeach Orach</i> (1). - - - Cabinet.
876 ACNIDA CANNABINA,	<i>Common Waterhemp</i> (1). - - Cabinet.
877 ACNIDA RUSOCARPA,	<i>Rough-fruited Waterhemp</i> (1). Cabinet.
878 SALICORNIA HERRACEA,	<i>Common Saltwort, or Samphire</i> (2). Cabinet.
879 SALICORNIA MUCRONATA,	<i>Dwarf Saltwort</i> (6). - - - Cabinet.
880 SALICORNIA AMBIGUA,	<i>Perennial Saltwort</i> (1). - - Cabinet.
881 SUEDA MARITIMA,	<i>Smooth Glasswort</i> (1). - - - Cabinet.
882 SALSOLA KALI,	<i>Common Glasswort</i> (1). - - Cabinet.

ORDER LXXXIV. AMARANTHACEÆ.

883 AMARANTHUS HYBRIDUS,	<i>Hybrid Amaranth</i> (1). - - Cabinet.
884 AMARANTHUS GRÆCIZANS,	<i>Bushy Amaranth</i> (1). - - - Cabinet.
885 AMARANTHUS PUMILUS,	<i>Dwarf Amaranth</i> (1). - - - Cabinet.
886 AMARANTHUS DEFLEXUS,	<i>Prostrate Amaranth</i> (1). - - Cabinet.

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ORDER LXXXV. POLYGONACEÆ.

887 POLYGONUM ORIENTALE,	<i>Princesfeather</i> (1). - - - - Cabinet.
888 POLYGONUM FAGOPYRUM,	<i>Buckwheat</i> (2). - - - - - Cabinet.
889 POLYGONUM CONVULVULUS,	<i>Black Bindweed</i> (1). - - - Cabinet.
890 POLYGONUM CILINODE,	<i>Fringe-jointed Polygonum</i> (1). Cabinet.
891 POLYGONUM DUMETORUM,	<i>Climbing Buckwheat</i> (1). - - Cabinet.
892 POLYGONUM SAGITTATUM,	<i>Arrow-leaved Tearthumb</i> (2). Cabinet.
893 POLYGONUM ARIFOLIUM,	<i>Halbert-leaved Tearthumb</i> (2). Cabinet.
894 POLYGONUM AMPHIBIUM,	<i>Water Persicaria</i> (2). - - - Cabinet.
895 POLYGONUM PERSICARIA,	<i>Ladysthumb</i> (3). - - - - Cabinet.
896 POLYGONUM PENNSYLVANICUM,	<i>Hairy-stalked Persicaria</i> (2). Cabinet.
897 POLYGONUM MITE,	<i>Bearded Persicaria</i> (3). - - Cabinet.
898 POLYGONUM HYDROPIPER,	<i>Water Pepper, or Smartweed</i> (3). Cabinet.
899 POLYGONUM VIRGINIANUM,	<i>Virgate Persicaria</i> (1). - - Cabinet.

Latin Names.	English Names.	
900 POLYGONUM AVICULARE,	<i>Knotgrass</i> , or <i>Doorweed</i> (3).	- Cabinet.
901 POLYGONUM MARITIMUM,	<i>Seaside Knotgrass</i> (2).	- - - Cabinet.
902 POLYGONUM TENUE,	<i>Slender Knotgrass</i> (4).	- - - Cabinet.
903 POLYGONUM ARTICULATUM,	<i>Jointweed</i> (5).	- - - - - Cabinet.
904 RUMEX CRISPUS,	<i>Curled Dock</i> (1).	- - - - - Cabinet.
905 RUMEX OBTUSIFOLIUS,	<i>Broad-leaved Dock</i> (2).	- - - Cabinet.
906 RUMEX VERTICILLATUS,	<i>Long-stalked Waterdock</i> (1).	- Cabinet.
907 RUMEX BRITANNICA,	<i>Yellow-rooted Waterdock</i> (2).	Cabinet.
908 RUMEX ACETOSELLA,	<i>Sheepsorrel</i> (3).	- - - - - Cabinet.

ORDER LXXXVI. PHYTOLACCACEÆ.

909 PHYTOLACCA DECANDRA,	<i>Common Pokeweed</i> (3).	- - - Cabinet.
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ORDER LXXXVII. LAURACEÆ.

910 SASSAFRAS OFFICINALE,	<i>Sassafras</i> (4).	- - - - - Cabinet.
911 BENZOIN ODORIFERUM,	<i>Wild Alspice</i> , or <i>Spicebush</i> (4).	Cabinet.

ORDER LXXXVIII. SANTALACEÆ.

912 COMANDRA UMBELLATA,	<i>Bastard Toadflax</i> (3).	- - - Cabinet.
913 NYSSA MULTIFLORA,	<i>Blackgum</i> (6).	- - - - - Cabinet.

ORDER LXXXIX. THYMELACEÆ.

914 DIRCA PALUSTRIS,	<i>Leatherwood</i> (4).	- - - - - Cabinet.
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ORDER XC. ELEAGNACEÆ.

915 SHEPHERDIA CANADENSIS,	<i>Canadian Shepherdia</i> (2).	- Cabinet.
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ORDER XCI. ULMACEÆ.

916 ULMUS AMERICANA,	<i>American</i> or <i>White Elm</i> (4).	- Cabinet.
917 ULMUS FULVA,	<i>Slippery</i> or <i>Red Elm</i> (4).	- - - Cabinet.
918 ULMUS RACEMOSA,	<i>Thomas's Elm</i> (3).	- - - - - Cabinet.
919 CELTIS OCCIDENTALIS,	<i>Nettletree</i> , or <i>Sugarberry</i> (3).	Cabinet.

Vol. 30.] ORDER XCII. SAURURACEÆ.

920 SAURURUS CERNUUS,	<i>Lizardstail</i> (1).	- - - - - Cabinet.
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ORDER XCIII. CERATOPHYLLACEÆ.

921 CERATOPHYLLUM ECHINATUM,	<i>Rough-fruited Hornwort</i> (3).	Cabinet.
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ORDER XCIV. CALLITRICHACEÆ.

Latin Names.	English Names.	
922 CALLITRICHÉ VERNA,	<i>Common Water Chickweed</i> (7).	Cabinet.

ORDER XCV. PODOSTEMACEÆ.

923 PODOSTEMUM CERATOPHYLLUM,	<i>Riverweed</i> (6).	- - - Cabinet.
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ORDER XCVI. EUPHORBIACEÆ.

924 ACALYPHA VIRGINICA,	<i>Common Three-seeded Mercury</i> (5).	Cabinet.
925 EUPHORBIA HELIOSCOPIA,	<i>Waterwort Spurge</i> (3).	- - Cabinet.
926 EUPHORBIA PLATYPHYLLA,	<i>Broad-leaved Spurge,</i>	
927 EUPHORBIA COROLLATA,	<i>Flowering Spurge</i> (2).	- - Cabinet.
928 EUPHORBIA HYPERICIFOLIA,	<i>Upright Spotted Spurge</i> (3).	Cabinet.
929 EUPHORBIA MACULATA,	<i>Small Spurge</i> (2).	- - - Cabinet.
930 EUPHORBIA IPECACUANHA,	<i>Wild Ipecac</i> (2).	- - - Cabinet.
931 EUPHORBIA POLYGONIFOLIA,	<i>Seaside Spurge</i> (2).	- - - Cabinet.

ORDER XCVII. EMPETRACEÆ.

932 EMPETRUM NIGRUM,	<i>Common Crowberry</i> (2).	- - Cabinet.
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ORDER XCVIII. JUGLANDACEÆ.

933 JUGLANS NIGRA,	<i>Black Walnut</i> (1).	- - - Cabinet.
934 JUGLANS CINEREA,	<i>Butternut</i> (1).	- - - Cabinet.
935 CARYA ALBA,	<i>Shellbark Hickory.</i>	
936 CARYA TOMENTOSA,	<i>White-heart Hickory</i> (2).	- - Cabinet.
937 CARYA GLABRA,	<i>Broom Hickory, or Pignut</i> (2).	Cabinet.
938 CARYA AMARA,	<i>Swamp Hickory, or Bitternut</i> (1).	Cabinet.

Vol. 31.] ORDER XCIX. CUPULIFERÆ.

939 OSTRYA VIRGINICA,	<i>Hop Hornbeam, or Ironwood</i> (5).	Cabinet.
940 CARPINUS AMERICANA,	<i>Water Beech, or Hornbeam</i> (3).	Cabinet.
941 CORYLUS AMERICANA,	<i>American Hazlenut</i> (2).	- - Cabinet.
942 CORYLUS ROSTRATA,	<i>Beaked Hazlenut</i> (1).	- - - Cabinet.
943 QUERCUS PHELLOS,	<i>Peach-leaved or Willow Oak</i> (2).	Cabinet.
944 QUERCUS NIGRA,	<i>Black-jack Oak</i> (5).	- - - Cabinet.
945 QUERCUS TINCTORIA,	<i>Black Oak, or Quercitron</i> (1).	Cabinet.

Latin Names.	English Names.
946 QUERCUS COCCINEA,	<i>Scarlet Oak</i> (4). - - - - Cabinet.
947 QUERCUS RUBRA,	<i>Red Oak</i> (2). - - - - - Cabinet.
948 QUERCUS PALUSTRIS,	<i>Pin Oak, or Water Spanish Oak</i> (2). Cabinet.
949 QUERCUS ILICIFOLIA,	<i>Barren Scrub Oak</i> (3). - - Cabinet.
950 QUERCUS OBTUSILOBA,	<i>Post Oak, or Box White Oak</i> (3). Cabinet.
951 QUERCUS MACROCARPA,	<i>Overcup White Oak</i> (3). - - Cabinet.
952 QUERCUS OLIVÆFORMIS,	<i>Mossycup Oak.</i>
953 QUERCUS ALBA,	<i>White Oak</i> (2). - - - - - Cabinet.
954 QUERCUS BICOLOR,	<i>Swamp White Oak</i> (1). - - Cabinet.
955 QUERCUS MONTANA,	<i>Rock Chesnut Oak</i> (1). - - Cabinet.
956 QUERCUS CASTANEA,	<i>Yellow or Chesnut Oak</i> (1). - Cabinet.
957 QUERCUS PRINOIDES,	<i>Chinquapin Oak</i> (2). - - - Cabinet.
958 FAGUS FERRUGINEA,	<i>Beech</i> (5). - - - - - Cabinet.
959 CASTANEA VESCA,	<i>American Chestnut</i> (1). - - Cabinet.
960 CASTANEA PUMILA,	<i>Chinquapin.</i>

ORDER C. MYRICACEÆ.

961 MYRICA GALE,	<i>Dutch Myrtle, or Sweet Gale</i> (3). Cabinet.
962 MYRICA CERIFERA,	<i>Wax Myrtle, or Bayberry</i> (6). Cabinet.
963 COMPTONIA ASPLENIFOLIA,	<i>Sweet Fern</i> (4). - - - - - Cabinet.

ORDER CI. BETULACEÆ.

964 BETULA POPULIFOLIA,	<i>White Birch</i> (2). - - - - Cabinet.
965 BETULA PAPYRACEA,	<i>Paper or Canoe Birch.</i>
966 BETULA LENTA,	<i>Black or Sweet Birch</i> (3), - Cabinet.
967 BETULA EXCELSA,	<i>Yellow Birch</i> (2). - - - - Cabinet.
968 BETULA NIGRA,	<i>Red Birch</i> (1). - - - - - Cabinet.
969 BETULA NANA,	<i>Dwarf Birch</i> (1). - - - - - Cabinet.
970 ALNUS SERRULATA,	<i>Common Alder</i> (2). - - - - - Cabinet.
971 ALNUS INCANA,	<i>Black Alder</i> (1). - - - - - Cabinet.
972 ALNUS VIRIDIS,	<i>Mountain Alder</i> (2). - - - - - Cabinet.

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ORDER CII. SALICACEÆ.

973 SALIX CANDIDA,	<i>White-leaved Willow</i> (8). - - Cabinet,
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Latin Names.	English Names.	
974 SALIX MUHLENBERGIANA,	<i>Muhlenberg's Willow</i> (5).	- Cabinet.
975 SALIX TRISTIS,	<i>Dwarf Downy Willow</i> (4).	- Cabinet.
976 SALIX DISCOLOR,	<i>Glaucous Willow</i> (13).	- - Cabinet.
977 SALIX PETIOLARIS,	<i>Dark Long-leaved Willow</i> (7).	Cabinet.
978 SALIX MYRICOIDES,	<i>Gale-leaved Willow.</i>	
979 SALIX VIMINALIS,	<i>Basket Osier</i> (2).	- - - - Cabinet.
980 SALIX LUCIDA,	<i>Glossy Broad-leaved Willow</i> (9).	Cabinet.
981 SALIX NIGRA,	<i>Black Willow</i> (9).	- - - - Cabinet.

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982 SALIX LONGIFOLIA,	<i>Long-leaved Sand Willow</i> (1).	Cabinet.
983 SALIX VITELLINA,	<i>Yellow Willow</i> (1).	- - - - Cabinet.
984 SALIX ROSTRATA,	<i>Ochre-flowered Willow</i> (17).	Cabinet.
985 SALIX CORDATA,	<i>Heart-leaved Willow</i> (9).	- - Cabinet.
986 SALIX RIGIDA,	<i>Rigid Heart-leaved Willow</i> (4).	Cabinet.
987 SALIX PEDICELLARIS,	<i>Long-stalked Willow</i> (2).	- - Cabinet.
988 SALIX CUTLERI,	<i>Cutler's Willow, or Bearberry</i> (3).	Cabinet.
989 POPULUS TREMULOIDES,	<i>American Aspen</i> (2).	- - - - Cabinet.
990 POPULUS GRANDIDENTATA,	<i>Large Aspen</i> (4).	- - - - Cabinet.
991 POPULUS MONILIFERA,	<i>Virginian Poplar</i> (8).	- - - - Cabinet.
992 POPULUS HETEROPHYLLA,	<i>Cotton-tree</i> (2).	- - - - - Cabinet.
993 POPULUS NIGRA,	<i>Birch-leaved Poplar.</i>	
994 POPULUS BALSAMIFERA,	<i>Balsam Poplar, or Tacamahac</i> (1).	Cabinet.
995 POPULUS CANDICANS,	<i>Balm-of-Gilead Poplar</i> (2).	- - Cabinet.

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ORDER CIII. BALSAMIFLUÆ.

996 LIQUIDAMBAR STYRACIFLUA,	<i>Common Sweet gum</i> (3).	- - Cabinet.
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ORDER CIV. PLATANACEÆ.

997 PLATANUS OCCIDENTALIS,	<i>Buttonwood, or Sycamore</i> (2).	Cabinet.
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ORDER CV. URTICACEÆ.

998 MORUS RUBRA,	<i>Red Mulberry</i> (1).	- - - - Cabinet.
999 MORUS ALBA,	<i>White Mulberry</i> (2).	- - - - Cabinet.
1000 URTICA DIOICA,	<i>Common Stinging Nettle.</i>	

Latin Names.	English Names.
1001 URTICA URENS,	<i>Small Stinging Nettle</i> (2). - Cabinet.
1002 URTICA CANADENSIS,	<i>Canadian Nettle</i> (2). - - - Cabinet.
1003 ADIKE PUMILA,	<i>Richweed, or Clearweed</i> (8). - Cabinet.
1004 BEHMERIA CYLINDRICA,	<i>False Nettle</i> (2). - - - - Cabinet.
1005 PARIETARIA PENNSYLVANICUM,	<i>Pennsylvanian Pellitory</i> (4). Cabinet.
1006 CANNABIS SATIVA,	<i>Common Hemp</i> (2). - - - - Cabinet.
1007 HUMULUS LUPULUS,	<i>Hop</i> (1). - - - - - Cabinet.

CLASS II. GYMNOSPERMOUS PLANTS.

Vol. 35.]	ORDER CV. CONIFERÆ.
1008 PINUS RESINOSA,	<i>Red Pine.</i>
1009 PINUS RIGIDA,	<i>Pitch Pine</i> (2). - - - - - Cabinet.
1010 PINUS STROBUS,	<i>White Pine</i> (1). - - - - - Cabinet.
1011 PINUS MITIS,	<i>Yellow Pine.</i>
1012 PINUS BALSAMEA,	<i>Balsam Fir, or Balm-of-Gilead Fir.</i>
1013 PINUS CANADENSIS,	<i>Hemlock Spruce</i> (2). - - - Cabinet.
1014 PINUS NIGRA,	<i>Black or Double Spruce.</i>
1015 PINUS ALBA,	<i>White or Single Spruce.</i>
1016 PINUS PENDULA,	<i>American Larch, or Tamarack</i> (2). Cabinet.
1017 CUPRESSUS THUYOIDES,	<i>White Cedar</i> (3). - - - - - Cabinet.
1018 THUYA OCCIDENTALIS,	<i>Common Arbor-vitæ</i> (3). - - Cabinet.
1019 JUNIPERUS COMMUNIS,	<i>Common Juniper</i> (3). - - - Cabinet.
1020 JUNIPERUS VIRGINIANA,	<i>Red Cedar</i> (4). - - - - - Cabinet.
1021 TAXUS CANADENSIS,	<i>American Yew</i> (1). - - - - - Cabinet.

CLASS III. ENDOGENOUS PLANTS.

Vol. 36.]	ORDER CVI. ARACEÆ.
1022 ARISÆMA TRIPHYLLA,	<i>Indian Turnip</i> (2). - - - - - Cabinet.
1023 ARISÆMA DRACONTIUM,	<i>Greendragon</i> (1). - - - - - Cabinet.
1024 PELTANDRA VIRGINICA,	<i>Arrow-leaved Arum</i> (2). - - Cabinet.
1025 CALLA PALUSTRIS,	<i>Water Arum</i> (1). - - - - - Cabinet.

Latin Names.	English Names.	
1026 SYMPLOCARPUS FÆTIDUS,	<i>Common Skunk-cabbage</i> (4).	- Cabinet.
1027 ORONTIUM AQUATICUM,	<i>Goldenclub</i> (4).	- - - Cabinet.
1028 ACORUS CALAMUS,	<i>Common Calamus, or Sweetflag</i> (2).	Cabinet.

ORDER CVII. LEMNACEÆ.

1029 LEMNA MINOR,	<i>Lesser Duckweed</i> (3).	- - - Cabinet.
1030 LEMNA PERPUSILLA,	<i>Smallest Duckweed</i> (1).	- - Cabinet.
1031 LEMNA TRISULCA,	<i>Star Duckweed</i> (2).	- - - Cabinet.
1032 LEMNA GIBBA,	<i>Gibbous Duckweed.</i>	
1033 LEMNA POLYRRHIZA,	<i>Greater Duckweed</i> (2).	- - Cabinet.

ORDER CVIII. TYPHACEÆ.

1034 TYPHA LATIFOLIA,	<i>Broad-leaved Cattail</i> (2).	- - Cabinet.
1035 TYPHA ANGUSTIFOLIA,	<i>Narrow-leaved Cattail</i> (1).	- Cabinet.
1036 SPARGANIUM RAMOSUM,	<i>Branching Bur-reed</i> (2).	- - Cabinet.
1037 SPARGANIUM SIMPLEX,	<i>Smaller Bur-reed</i> (4).	- - - Cabinet.

ORDER CIX. NAJADACEÆ.

1038 NAJAS CANADENSIS,	<i>Canadian Waternymph</i> (3).	- Cabinet.
1039 ZOSTERA MARINA,	<i>Common Grasswack</i> (2).	- - Cabinet.
1040 RUPPIA MARITIMA,	<i>Ditchgrass</i> (1).	- - - - - Cabinet.
1041 ZANNICHELLIA PALUSTRIS,	<i>Horned Pondweed</i> (2).	- - - Cabinet.
1042 POTAMOGETON NATANS,	<i>Broad-leaved Floating Pondweed</i> (5).	Cab.
1043 POTAMOGETON HETEROPHYLLUS,	<i>Various-leaved Pondweed</i> (1).	Cab.
1044 POTAMOGETON HYBRIDUS,	<i>Small Floating Pondweed</i> (3).	Cabinet.
1045 POTAMOGETON LUCENS,	<i>Shining Pondweed</i> (3).	- - Cabinet.
1046 POTAMOGETON PERFOLIATUS,	<i>Perfoliate Pondweed</i> (1).	- Cabinet.
1047 POTAMOGETON ZOSTERIFOLIUS,	<i>Grass-leaved Pondweed</i> (6).	Cabinet.
1048 POTAMOGETON PUSILLUS,	<i>Small Pondweed</i> (3).	- - - Cabinet.
1049 POTAMOGETON PAUCIFLORUS,	<i>Few-flowered Pondweed</i> (4).	Cabinet.
1050 POTAMOGETON PECTINATUS,	<i>Fennel-leaved Pondweed</i> (1).	- Cabinet.

ORDER CX. ALISMACEÆ.

1051 ALISMA PLANTAGO,	<i>Common Water Plantain</i> (2).	Cabinet.
1052 SAGITTARIA SAGITTIFOLIA,	<i>Common Arrowhead</i> (14).	- - Cabinet.

Latin Names.	English Names
1053 SAGITTARIA PUSILLA,	<i>Least Arrowhead.</i>
1054 TRIGLOCHIN PALUSTRE,	<i>Marsh Arrowgrass</i> (3). - - Cabinet.
1055 TRIGLOCHIN MARITIMUM,	<i>Seaside Arrowgrass</i> (4). - - Cabinet.
1056 TRIGLOCHIN ELATUM,	<i>Tall Arrowgrass</i> (1). - - - Cabinet.
1057 SCHEUCHZERIA PALUSTRIS,	<i>Marsh Scheuchzeria</i> (3). - - Cabinet.

ORDER CXI. HYDROCHARIDACEÆ.

1058 HYDROCHARIS CORDIFOLIA,	<i>Heart-leaved Frogsbit.</i>
1059 UDORA CANADENSIS,	<i>Little Watersnakeweed</i> (4). - Cabinet.
1060 VALISNERIA SPIRALIS,	<i>Tapegrass, or Eelgrass.</i>

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ORDER CXII. ORCHIDACEÆ.

1061 MICROSTYLIS MONOPHYLLOS,	<i>Short-stalked Addersmouth</i> (2). Cabinet.
1062 MICROSTYLIS OPHIOGLOSSOIDES,	<i>Long-stalked Addersmouth</i> (2). Cab.
1063 CORALLORRHIZA INNATA,	<i>Vernal Coralroot</i> (3). - - - Cabinet.
1064 CORALLORRHIZA ODONTORRHIZA,	<i>Small Late Coralroot</i> (4). Cabinet.
1065 CORALLORRHIZA MULTIFLORA,	<i>Large Coralroot</i> (5). - - Cabinet.
1066 APLECTRUM HYEMALE,	<i>Puttyroot, or Adam-and-Eve</i> (2). Cabinet.
1067 LIPARIS LILIIFOLIA,	<i>Common Twayblade</i> (2). - - Cabinet.
1068 LIPARIS LÆSELII,	<i>Smaller Twayblade</i> (2). - - Cabinet.
1069 TIPULARIA DISCOLOR,	<i>Crane-fly Orchis</i> (2). - - - Cabinet.
1070 ORCHIS SPECTABILIS,	<i>Showy Orchis</i> (2). - - - - Cabinet.
1071 GYMNADENIA TRIDENTATA,	<i>Three-toothed Gymnadenia</i> (2). Cabinet.
1072 PLATANThERA OBTUSATA,	<i>Obtuse-leaved Platanthera</i> (1). Cabinet.
1073 PLATANThERA ORBICULATA,	<i>Large-leaved Orchis</i> (1). - - Cabinet.
1074 PLATANThERA HOOKERI,	<i>Hooker's Orchis</i> (1). - - - Cabinet.
1075 PLATANThERA FLAVA,	<i>Small Pale-yellow Orchis</i> (4). Cabinet.
1076 PLATANThERA HYPERBOREA,	<i>Northern Orchis</i> (1). - - Cabinet.
1077 PLATANThERA DILATATA,	<i>Small White-flowered Orchis</i> (4). Cabinet.
1078 PLATANThERA BLEPHARIGLOTTIS,	<i>Fringed White Orchis</i> (3). Cabinet.
1079 PLATANThERA CILIARIS,	<i>Fringed Yellow Orchis</i> (2). - Cabinet.
1080 PLATANThERA PSYCODES,	<i>Purple Swamp Orchis</i> (4). - Cabinet.
1081 PLATANThERA LACERA,	<i>Ragged Orchis</i> (2). - - - - Cabinet.

Latin Names.	English Names.
1082 PLATANThERA BRACTEATA,	<i>Green-flowered Orchis</i> .
1083 ARETHUSA BULBOSA,	<i>Arethusa</i> (3). - - - - Cabinet.
1084 POGONIA OPHIOGLOSSOIDES,	<i>Single leaved Pogonia</i> (4). - Cabinet.
1085 POGONIA VERTICILLATA,	<i>Verticillate Pogonia</i> (2). - - Cabinet.
1086 POGONIA PENDULA,	<i>Nodding Pogonia</i> (3). - - - Cabinet.
1087 CALOPOGON PULCHELLUS,	<i>Calapogon</i> (4). - - - - Cabinet.
1088 SPIRANTHES GRACILIS,	<i>Slender Lady's-tresses</i> (7). - Cabinet.
1089 SPIRANTHES CERNUA,	<i>Nodding Lady's-tresses</i> (4). - Cabinet.
1090 SPIRANTHES PLANTAGINEA,	<i>Common Lady's-tresses</i> (4). - Cabinet.
1091 GOODYERA PUBESCENS,	<i>Larger Rattlesnake Plantain</i> (3). Cabinet.
1092 GOODYERA REPENS,	<i>Smaller Rattlesnake Plantain</i> (3). Cabinet.
1093 LISTERA CORDATA,	<i>Heart-leaved Twayblade</i> (4). - Cabinet.
1094 CYPRIPEDIUM PUBESCENS,	<i>Large Yellow Ladyslipper</i> (1). Cabinet.
1095 CYPRIPEDIUM PARVIFLORUM,	<i>Smaller Yellow Ladyslipper</i> (1). Cabinet.
1096 CYPRIPEDIUM SPECTABILE,	<i>Showy Ladyslipper</i> (2). - - Cabinet.
1097 CYPRIPEDIUM ACAULE,	<i>Purple Ladyslipper</i> , or <i>Noah's-ark</i> (2). Cab.
1098 CYPRIPEDIUM ARIETINUM,	<i>Ramshead</i> (1). - - - - Cabinet.

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ORDER CXIII. HYPOXIDACEÆ.

1099 HYPOXIS ERECTA,	<i>Common Stargrass</i> (3). - - Cabinet.
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ORDER CXIV. IRIDACEÆ.

1100 IRIS VERSICOLOR,	<i>Blue Flag</i> (2). - - - - Cabinet.
1101 IRIS VIRGINICA,	<i>Slender Blue-flag</i> (3). - - - Cabinet.
1102 SISYRINCHIUM BERMUDIANA,	<i>Common Blueyed-grass</i> (3). - Cabinet.

ORDER CXV. DIOSCOREACEÆ.

1103 DIOSCOREA VILLOSA,	<i>Wild Yamroot</i> (4). - - - - Cabinet.
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ORDER CXVI. SMILACEÆ.

1104 MEDEOLA VIRGINICA,	<i>Cucumber-root</i> (3). - - - - Cabinet.
1105 TRILLIUM ERYTHROCARPUM,	<i>Red-berried 3-leaved Nightshade</i> (2). Cab.
1106 TRILLIUM CERNUUM,	<i>Nodding 3-leaved Nightshade</i> (1). Cabinet.
1107 TRILLIUM ERECTUM,	<i>False Wakerobin</i> (5). - - - Cabinet.
1108 TRILLIUM GRANDIFLORUM,	<i>Large-flowered Trillium</i> (2). ³ - Cabinet.

Latin Names.	English Names.
1109 SMILACINA STELLATA,	<i>Star-flowered Solomon's-seal</i> (2). Cabinet.
1110 SMILACINA TRIFOLIA,	<i>Three-leaved Smilacina</i> (4). - Cabinet.
1111 SMILACINA RACEMOSA,	<i>Wild Spikenard</i> (1). - - - Cabinet.
1112 SMILACINA BIFOLIA,	<i>Two-leaved Solomon's-seal</i> (7). Cabinet.
1113 POLYGONATUM MULTIFLORUM,	<i>Common Solomon's-seal</i> (4). Cabinet.
1114 CLINTONIA BOREALIS,	<i>Large-flowered Clintonia</i> (3). Cabinet.
1115 CLINTONIA UMBELLATA,	<i>Small-flowered Clintonia.</i>
1116 SMILAX ROTUNDIFOLIA,	<i>Common Greenbrier</i> (5). - - Cabinet.
1117 SMILAX HISPIDA,	<i>Hispid Greenbrier.</i>
1118 SMILAX SPINULOSA,	<i>Spinulose Greenbrier</i> (2). - - Cabinet.
1119 SMILAX HERBACEA,	<i>Carrionflower</i> (1). - - - - Cabinet.

ORDER CXVII. LILIACEÆ.

1120 LILIUM PHILADELPHICUM,	<i>Red Lily</i> (4). - - - - - Cabinet.
1121 LILIUM CANADENSE,	<i>Wild Yellow Lily</i> (2). - - - Cabinet.
1122 LILIUM SUPERBUM,	<i>Superb Lily, or Turk's-cap</i> (2). Cabinet.
1123 ERYTHRONIUM AMERICANUM,	<i>American Dogstooth Violet</i> (3). Cabinet.
1124 ERYTHRONIUM ALBIDUM,	<i>White Dogstooth Violet</i> (2). - Cabinet.
1125 ORNITHOGALUM UMBELLATUM,	<i>Common Star-of-Bethlehem</i> (3). Cab.
1126 ALLIUM CANADENSE,	<i>Meadow Garlic.</i>
1127 ALLIUM VINEALE,	<i>Wild Garlic</i> (1). - - - - - Cabinet.
1128 ALLIUM TRICOCCUM,	<i>Wild Leek</i> (1). - - - - - Cabinet.
1129 ALLIUM CERNUUM,	<i>Wild Onion</i> (2). - - - - - Cabinet.
1130 ASPARAGUS OFFICINALIS,	<i>Common Asparagus</i> (2). - - Cabinet.
1131 ALETIS FARINOSA,	<i>Colicroot</i> (1). - - - - - Cabinet.

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1132 PONTEDERIA CORDATA,	<i>Common Pickerelweed</i> (2). - Cabinet.
1133 HETERANTHERA RENIFORMIS,	<i>Mud Plantain</i> (2). - - - Cabinet.
1134 HETERANTHERA GRAMINEA,	<i>Water Stargrass</i> (2). - - Cabinet.

ORDER CXIX. MELANTHACEÆ.

1135 ZYGADENUS GLAUCUS,	<i>Glaucous-leaved Zygadenus</i> (2). Cabinet.
1136 MELANTHIUM VIRGINICUM,	<i>Virginian Melanthium</i> (2). - Cabinet.

Latin Names.	English Names.
1137 VERATRUM VIRIDE,	<i>White Hellebore, or Indian Poke</i> (2). Cabinet.
1138 HELONIAS DIOICA,	<i>Devilsbit, or Unicorn-plant</i> (2). Cabinet.
1139 UVULARIA PERFOLIATA,	<i>Perfoliate Bellwort</i> (4). - - Cabinet.
1140 UVULARIA GRANDIFLORA,	<i>Large-flowered Bellwort</i> (1). - Cabinet.
1141 UVULARIA SESSILIFOLIA,	<i>Sessile-leaved Bellwort</i> (2). - Cabinet.
1142 PROSARTES LANUGINOSA,	<i>Pale-flowered Prosartes</i> (2). - Cabinet.
1143 STREPTOPUS AMPLEXIFOLIUS,	<i>Smooth Twistedstalk</i> (1). - Cabinet.
1144 STREPTOPUS ROSEUS,	<i>Rose Twistedstalk</i> (1). - - - Cabinet.

ORDER CXX. JUNCACEÆ.

1145 LUZULA CAMPESTRIS,	<i>Common Woodrush</i> (4). - - Cabinet.
1146 LUZULA PILOSA,	<i>Broad-leaved Hairy Woodrush</i> (4). Cabinet.
1147 LUZULA PARVIFLORA,	<i>Small-flowered Woodrush</i> (2). Cabinet.
1148 JUNCUS EFFUSUS,	<i>Soft Rush</i> (2). - - - - - Cabinet.
1149 JUNCUS FILIFORMIS,	<i>Slender Rush</i> (4). - - - - - Cabinet.
1150 JUNCUS BALTICUS,	<i>Baltic Rush</i> (4). - - - - - Cabinet.
1151 JUNCUS NODOSUS,	<i>Smaller Roundheaded Rush</i> (9). Cabinet.
1152 JUNCUS POLYCEPHALUS,	<i>Many-headed Rush</i> (6). - - Cabinet.
1153 JUNCUS ACUMINATUS,	<i>Sharp-fruited Rush</i> (3). - - Cabinet.
1154 JUNCUS PELOCARPUS,	<i>Brownish-fruited Rush.</i>
1155 JUNCUS CONRADI,	<i>Conrad's Rush</i> (6). - - - - - Cabinet.
1156 JUNCUS BUFONIUS,	<i>Toad Rush</i> (2). - - - - - Cabinet.
1157 JUNCUS TENUIS,	<i>Slender Rush</i> (6). - - - - - Cabinet.
1158 JUNCUS GREENEI,	<i>Greene's Rush.</i>
1159 JUNCUS GERARDI,	<i>Blackgrass</i> (3). - - - - - Cabinet.
1160 JUNCUS MARGINATUS,	<i>Grass-leaved Rush</i> (4). - - Cabinet.
1161 JUNCUS STYGIUS,	<i>Large-fruited Rush</i> (6). - - Cabinet.
1162 JUNCUS TRIFIDUS,	<i>Slender-fringed Rush</i> (6). - Cabinet.

ORDER CXXI. COMMELYNACEÆ.

1163 COMMELYNA ANGUSTIFOLIA,	<i>Narrow-leaved Dayflower.</i>
1164 TRADESCANTIA VIRGINICA,	<i>Virginian Spiderwort</i> (1). - Cabinet.

ORDER CXXII. XYRIDACEÆ.

1165 XYRIS CAROLINIANA,	<i>Common Yelloweyed-grass</i> (3). Cabinet.
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ORDER CXXIII. ERIOCAULONACEÆ.

Latin Names.	English Names.
1166 ERIOCAULON SEPTANGULARE,	<i>Pellucid Pipewort</i> (4). - - Cabinet.

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1167 DULICHIMUM SPATHACEUM,	<i>Dulichium</i> (3). - - - - - Cabinet.
1168 CYPERUS FLAVESCENS,	<i>Yellowish Dwarf Galingale</i> (4). Cabinet.
1169 CYPERUS DIANDRUS,	<i>Diandrous Galingale</i> (15). - Cabinet.
1170 CYPERUS NUTTALLII,	<i>Nuttall's Galingale</i> (3). - - Cabinet.
1171 CYPERUS MICHAUXIANUS,	<i>Michaux's Galingale</i> (1). - - Cabinet.
1172 CYPERUS STRIGOSUS,	<i>Tall Galingale</i> (6). - - - Cabinet.
1173 CYPERUS REPENS,	<i>Creeping Galingale</i> (1). - - Cabinet.
1174 CYPERUS FILICULMIS,	<i>Slender-stalked Galingale</i> (4). Cabinet.
1175 CYPERUS GRAYI,	<i>Gray's Galingale</i> (2). - - - Cabinet.
1176 CYPERUS DENTATUS,	<i>Toothed Galingale</i> (3). - - Cabinet.
1177 CYPERUS INFLEXUS,	<i>Dwarf Odorous Galingale</i> (7), Cabinet.
1178 CYPERUS SCHWEINITZII,	<i>Schweinitz's Galingale</i> (2). - Cabinet.
1179 CYPERUS OVULARIS,	<i>Oval-headed Galingale</i> (2). - Cabinet.
1180 CYPERUS RETROFRACTUS,	<i>Bent-flowered Galingale.</i>
1181 FUIRENA SQUARROSA,	<i>Squarrose Fuirena</i> (7). - - Cabinet.
1182 ELEOCHARIS PALUSTRIS,	<i>Common Spikerush</i> (7). - - Cabinet.
1183 ELEOCHARIS OLIVACEA,	<i>Olive-fruited Spikerush</i> (2). - Cabinet.
1184 ELEOCHARIS ROSTELLATA,	<i>Beaked Spikerush</i> (2). - - - Cabinet.
1185 ELEOCHARIS INTERMEDIA,	<i>Intermediate Spikerush</i> (3). - Cabinet.
1186 ELEOCHARIS OBTUSA,	<i>Obtuse-headed Spikerush</i> (4). Cabinet.
1187 ELEOCHARIS TUBERCULOSA,	<i>Large-tubercled Spikerush</i> (2). Cabinet.
1188 ELEOCHARIS ACICULARIS,	<i>Capillary Spikerush</i> (6). - - Cabinet.
1189 ELEOCHARIS TENUIS,	<i>Slender Spikerush</i> (1). - - Cabinet.
1190 ELEOCHARIS PYGMÆA,	<i>Dwarf Spikerush</i> (8). - - - Cabinet.
1191 SCIRPUS PLANIFOLIUS,	<i>Small Flat-leaved Clubrush</i> (2). Cabinet.
1192 SCIRPUS SUBTERMINALIS,	<i>Floating Clubrush</i> (2). - - Cabinet.
1193 SCIRPUS CÆSPITOSUS,	<i>Scaly-stalked Clubrush</i> (3). - Cabinet.
1194 SCIRPUS DEBILIS,	<i>Weak-stalked Clubrush</i> (4). - Cabinet.
1195 SCIRPUS TRIQUETER,	<i>Chairmaker's Rush</i> (7). - - Cabinet.

Latin Names.	English Names.
1196 SCIRPUS MUCRONATUS,	<i>Longheaded Triangular Rush</i> (1). Cabinet.
1197 SCIRPUS LACUSTRIS,	<i>Bulrush</i> (3). - - - Cabinet.
1198 SCIRPUS MARITIMUS,	<i>Sea Clubrush</i> (3). - - - Cabinet.
1199 SCIRPUS ATROVIRENS,	<i>Dark-green Clubrush</i> (2). - - Cabinet.
1200 SCIRPUS BRUNNEUS,	<i>Brown-headed Clubrush</i> (1). - Cabinet.
1201 SCIRPUS ERIOPHORUS,	<i>Brown Woolgrass</i> (3). - - - Cabinet.
1202 SCIRPUS LINEATUS,	<i>Loose-flowered Woolgrass</i> (2). Cabinet.
1203 ERIOPHORUM ALPINUM,	<i>Alpine Cottongrass</i> (3). - - Cabinet.
1204 ERIOPHORUM VAGINATUM,	<i>Harestail</i> (3). - - - - - Cabinet.
1205 ERIOPHORUM VIRGINICUM,	<i>Rusty Cottongrass</i> (3). - - Cabinet.
1206 ERIOPHORUM POLYSTACHYUM,	<i>Broad-leaved Cottongrass</i> (3). Cabinet.
1207 ERIOPHORUM ANGUSTIFOLIUM,	<i>Narrow-leaved Cottongrass</i> (5). Cab.
1208 FIMBRISTYLIS SPADICEA,	<i>Tall Brown-spiked Fimbristylis</i> (2). Cab.
1209 ISOLEPIS CAPILLARIS,	<i>Hair-like Isolepis</i> (2). - - - Cabinet.
1210 TRICHELOSTYLIS MUCRONULATA,	<i>Common Trichelostylis</i> (6). Cabinet.
1211 HEMICARPHA SUBSQUARROSA,	<i>Dwarf Hemicarpha</i> (6). - Cabinet.
1212 RHYNCHOSPORA ALBA,	<i>White Beakrush</i> (2). - - - Cabinet.
1213 RHYNCHOSPORA CAPILLACEA,	<i>Small Capillary Beakrush</i> (3). Cabinet.
1214 RHYNCHOSPORA FUSCA,	<i>Brown Beakrush</i> (5). - - - Cabinet.
1215 RHYNCHOSPORA GRACILENTA,	<i>Tall Slender Beakrush</i> (1). Cabinet.
1216 RHYNCHOSPORA GLOMERATA,	<i>Common Beakrush</i> (3). - - Cabinet.
1217 RHYNCHOSPORA CEPHALANTHA,	<i>Roundheaded Beakrush</i> (2). Cabinet.
1218 CLADIUM MARISCOIDES,	<i>Smooth Twigrush</i> (4). - - - Cabinet.
1219 SCLERIA RETICULARIS,	<i>Sessile-spiked Nutrush</i> (2)- - Cabinet.
1220 SCLERIA LAXA,	<i>Loose-flowered Nutrush</i> (4). - Cabinet.
1221 SCLERIA TRIGLOMERATA,	<i>Three-clustered Nutrush</i> (4). - Cabinet.
1222 SCLERIA PAUCIFLORA,	<i>Few-flowered Nutrush</i> (2). - Cabinet.
1223 SCLERIA VERTICILLATA,	<i>Dwarf Verticillate Nutrush</i> (2). Cabinet.
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1224 CAREX DIOICA,	<i>Diœcious Sedge</i> (1). - - - Cabinet.
1225 CAREX EXILIS,	<i>Slender Sedge</i> (5). - - - - - Cabinet.
1226 CAREX PAUCIFLORA,	<i>Few-flowered Sedge</i> (6). - - Cabinet.

Latin Names.	English Names.
1227 CAREX POLYTRICHOIDES,	<i>Bristle-stalked Sedge</i> (3). - - Cabinet.
1228 CAREX WILLDENOVII,	<i>Willdenow's Sedge</i> (5). - - Cabinet.
1229 CAREX BACKII,	<i>Back's Sedge</i> (2). - - - - Cabinet.
1230 CAREX DISPERMA,	<i>Two-seeded Sedge</i> (2). - - - Cabinet.
1231 CAREX CHORDORRHIZA,	<i>Long-rooted Sedge</i> (6). - - Cabinet.
1232 CAREX CEPHALOPHORA,	<i>Oval-headed Sedge</i> (5). - - Cabinet.
1233 CAREX MUHLENBERGII,	<i>Muhlenberg's Sedge</i> (3). - - Cabinet.
1234 CAREX SICCATA,	<i>Dry-spiked Sedge</i> (3). - - - Cabinet.
1235 CAREX ROSEA,	<i>Rose Sedge</i> (4). - - - - - Cabinet.
1236 CAREX RETROFLEXA,	<i>Retroflexed Sedge</i> (2). - - - Cabinet.
1237 CAREX SPARGANIOIDES,	<i>Bur-reed Sedge</i> (6). - - - Cabinet.
1238 CAREX STIPATA,	<i>Awl-fruited Sedge</i> (3). - - Cabinet.
1239 CAREX VULPINOIDEA,	<i>Fox Sedge</i> (8). - - - - - Cabinet.
1240 CAREX SETACEA,	<i>Bristly-spiked Sedge.</i>
1241 CAREX BROMOIDES,	<i>Bromus-like Sedge</i> (9). - - Cabinet.
1242 CAREX ALOPECOIDEA,	<i>Foxtail Sedge.</i>
1243 CAREX SARTWELLII,	<i>Sartwell's Sedge</i> (3). - - - Cabinet.
1244 CAREX TERETIUSCULA,	<i>Lesser-panicled Sedge</i> (5). - Cabinet.
1245 CAREX DECOMPOSITA,	<i>Large-panicled Sedge</i> (3). - Cabinet.
1246 CAREX TRISPERMA,	<i>Three-seeded Sedge</i> (2). - - Cabinet.
1247 CAREX DEWEYANA,	<i>Dewey's Sedge</i> (3). - - - - Cabinet.
1248 CAREX CANESCENS,	<i>White Sedge</i> (6). - - - - Cabinet.
1249 CAREX STELLULATA,	<i>Little Prickly Sedge</i> (2). - - Cabinet.
1250 CAREX TENUIFLORA,	<i>Slender Cluster-spiked Sedge</i> (2). Cabinet.
1251 CAREX SCOPARIA,	<i>Broom-like Sedge</i> (10). - - Cabinet.
1252 CAREX STRAMINEA,	<i>Straw-colored Sedge</i> (19). - Cabinet.
1253 CAREX PEDUNCULATA,	<i>Long-stalked Sedge</i> (4). - - Cabinet.
1254 CAREX SQUARROSA,	<i>Squarrose-headed Sedge</i> (4). - Cabinet.
1255 CAREX BUXBAUMII,	<i>Buxbaum's Sedge</i> (4). - - - Cabinet.
1256 CAREX TRICEPS,	<i>Three-headed Pubescent Sedge</i> (5). Cabinet.
1257 CAREX VIRESCENS,	<i>Green-spiked Pubescent Sedge</i> (4). Cabinet.
1258 CAREX GRACILLIMA,	<i>Slender Nodding Sedge</i> (3). - Cabinet.

Latin Names.	English Names.
1259 CAREX FORMOSA,	<i>Showy Sedge</i> (3). - - - - Cabinet.
1260 CAREX DAVISII,	<i>Davis's Sedge</i> (3). - - - - Cabinet.
1261 CAREX RIGIDA,	<i>Rigid Sedge</i> (4). - - - - Cabinet.
1262 CAREX ANGUSTATA,	<i>Large Bog Sedge</i> (3). - - - - Cabinet.
1263 CAREX CÆSPITOSA,	<i>Smaller Bog Sedge.</i>
1264 CAREX AQUATILIS,	<i>Water Sedge</i> (2). - - - - Cabinet.
1265 CAREX AUREA,	<i>Golden-fruited Sedge</i> (6). - Cabinet.
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1266 CAREX CRINITA,	<i>Fringed Sedge</i> (4). - - - - Cabinet.
1267 CAREX OLIGOSPERMA,	<i>Few-fruited Sedge</i> (3). - - - - Cabinet.
1268 CAREX INFLATA,	<i>Inflated Sedge.</i>
1269 CAREX CYLINDRICA,	<i>Cylindrical-spiked Sedge.</i>
1270 CAREX UTRICULATA,	<i>Bladder-fruited Sedge</i> (9). - Cabinet.
1271 CAREX SUBULATA,	<i>Awl-fruited Sedge</i> (4). - - - - Cabinet.
1272 CAREX FOLLICULATA,	<i>Tall Yellow Sedge</i> (7). - - - - Cabinet.
1273 CAREX INTUMESCENS,	<i>Swollen-fruited Sedge</i> (4). - - - - Cabinet.
1274 CAREX LUPULINA,	<i>Hop Sedge</i> (4). - - - - - Cabinet.
1275 CAREX SCABRATA,	<i>Rough-fruited Sedge</i> (3). - - - - Cabinet.
1276 CAREX SCHWEINITZII,	<i>Schweinitz's Sedge</i> (2). - - - - Cabinet.
1277 CAREX RETRORSA,	<i>Backward-fruited Sedge</i> (2). - - - - Cabinet.
1278 CAREX TENTACULATA,	<i>Long-pointed Sedge</i> (3). - - - - Cabinet.
1279 CAREX HYSTRICINA,	<i>Porcupine Sedge</i> (5). - - - - Cabinet.
1280 CAREX PSEUDO-CYPERUS,	<i>Cypress-like Sedge.</i>
1281 CAREX LONGIROSTRIS,	<i>Long-beaked Sedge</i> (3). - - - - Cabinet.
1282 CAREX TRICHOCARPA,	<i>Hairy-fruited Sedge.</i>
1283 CAREX ARISTATA,	<i>Awed Sedge</i> (3). - - - - - Cabinet.
1284 CAREX UMBELLATA,	<i>Umbel-spiked Sedge</i> (8). - - - - Cabinet.
1285 CAREX PENNSYLVANICA,	<i>Pennsylvanian Sedge</i> (7). - - - - Cabinet.
1286 CAREX NOVÆ-ANGLIÆ,	<i>New-England Sedge</i> (3). - - - - Cabinet.
1287 CAREX FILIFORMIS,	<i>Slender-leaved Sedge</i> (3). - - - - Cabinet.
1288 CAREX LANUGINOSA,	<i>Woolly-fruited Sedge</i> (9). - - - - Cabinet.
1289 CAREX VESTITA,	<i>Short Woolly-spiked Sedge</i> (4). - - - - Cabinet.
1290 CAREX PUBESCENS,	<i>Pubescent Sedge</i> (3). - - - - - Cabinet.

Latin Names.	English Names.
1291 CAREX LIMOSA,	<i>Mud Sedge</i> (12). - - - - Cabinet.
1292 CAREX LIVIDA,	<i>Livid Sedge</i> (8). - - - - Cabinet.
1293 CAREX FLAVA,	<i>Large Yellow Sedge</i> (6). - - Cabinet.
1294 CAREX CÆDERI,	<i>Æder's Sedge</i> (2). - - - - Cabinet.
1295 CAREX PALLESCENS,	<i>Pale Pubescent Sedge</i> (5). - Cabinet.
1296 CAREX TORREYI,	<i>Torrey's Sedge.</i>
1297 CAREX STRIATA,	<i>Striated Sedge</i> (2). - - - - Cabinet.
1298 CAREX GRANULARIS,	<i>Granular-spiked Sedge</i> (4). - Cabinet.
1299 CAREX LAXIFLORA,	<i>Loose-flowered Sedge.</i>
1300 CAREX CONOIDEA,	<i>Conical-fruited Sedge</i> (2). - Cabinet.
1301 CAREX DIGITALIS,	<i>Slender Sedge</i> (7). - - - - Cabinet.
1302 CAREX OLIGOCARPA,	<i>Small Few-fruited Sedge</i> (9). Cabinet.
1303 CAREX TETANICA,	<i>Crooked-necked Sedge</i> (3). - Cabinet.
1304 CAREX ANCEPS,	<i>Two-edged Sedge</i> (14). - - Cabinet.
1305 CAREX BLANDA,	<i>Pale Smooth Sedge.</i>
1306 CAREX CRAWEI,	<i>Crawe's Sedge</i> (2). - - - - Cabinet.
1307 CAREX PLANTAGINEA,	<i>Plantain-leaved Sedge</i> (4). - Cabinet.
1308 CAREX CAREYANA,	<i>Carey's Sedge</i> (2). - - - - Cabinet.
1309 CAREX EBURNEA,	<i>Bristle-leaved White Sedge</i> (5). Cabinet.
1310 CAREX FLEXILIS,	<i>Fringed Sedge</i> (4). - - - - Cabinet.
1311 CAREX ARCTATA,	<i>Short-beaked Wood Sedge</i> (3). Cabinet.
1312 CAREX DEBILIS,	<i>Weak Sedge</i> (3). - - - - Cabinet.
1313 CAREX MILIACEA,	<i>Millet-like Sedge</i> (5). - - - - Cabinet.
1314 CAREX LACUSTRIS,	<i>Lake Sedge</i> (3). - - - - Cabinet.

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ORDER CXXV. GRAMINEÆ.

1315 LEERSIA ORYZOIDES,	<i>Cutgrass, or Whitegrass</i> (2). Cabinet.
1316 LEERSIA VIRGINICA,	<i>Small-flowered Whitegrass</i> (2). Cabinet.
1317 ZIZANIA AQUATICA,	<i>Wild Rice</i> (2). - - - - - Cabinet.
1318 ALOPECURUS PRATENSIS,	<i>Common Foxtail-grass.</i>
1319 ALOPECURUS GENICULATUS,	<i>Water Foxtail-grass</i> (3). - - Cabinet.
1320 PHLEUM PRATENSE,	<i>Timothy, or Herdsgrass</i> (2). - Cabinet.
1321 PHALARIS ARUNDINACEA,	<i>Reed Canary-grass</i> (2). - - Cabinet.

Latin Names.	English Names	
1322 PHALARIS CANARIENSIS,	<i>Common Canary-grass</i> (1).	- Cabinet.
1323 HOLCUS LANATUS,	<i>Meadow Softgrass</i> (3).	- " Cabinet.
1324 HIEROCHLOA BOREALIS,	<i>Seneca or Vanilla Grass</i> (2).	- Cabinet.
1325 HIEROCHLOA ALPINA,	<i>Alpine Holygrass</i> (4).	- - - Cabinet.
1326 ANTHOXANTHUM ODORATUM,	<i>Sweetscented Vernal-grass</i> (5).	Cabinet.
1327 PASPALUM LÆVE,	<i>Smooth Erect Paspalum</i> (2).	- Cabinet.
1328 PASPALUM SETACEUM,	<i>Hairy Slender Paspalum</i> (2).	Cabinet.
1329 MILIUM EFFUSUM,	<i>Millet-grass</i> (2).	- - - - Cabinet.
1330 PANICUM SANGUINALE,	<i>Common Crabgrass</i> (1).	- " Cabinet.
1331 PANICUM GLABRUM,	<i>Smooth Crabgrass</i> (2).	- - Cabinet.
1332 PANICUM FILIFORME,	<i>Slender Crabgrass</i> (2).	- - Cabinet.
1333 PANICUM CRUS-GALLI,	<i>Barnyard-grass</i> (4).	- - - Cabinet.
1334 PANICUM VIRGATUM,	<i>Tall Smooth Panicgrass</i> (2).	Cabinet.
1335 PANICUM LATIFOLIUM,	<i>Broad-leaved Panicgrass</i> (3).	Cabinet.
1336 PANICUM CLANDESTINUM,	<i>Hidden-flowered Panicgrass</i> (6).	Cabinet.
1337 PANICUM XANTHOPHYSUM,	<i>Yellow Panicgrass</i> (2).	- - Cabinet.
1338 PANICUM CAPILLARE,	<i>Hair-stalked Panicgrass</i> (5).	Cabinet.
1339 PANICUM DEPAUPERATUM,	<i>Few-flowered Panicgrass</i> (4).	Cabinet.
1340 PANICUM DICHOTOMUM,	<i>Polymorphous Panicgrass</i> (22).	Cabinet.
1341 PANICUM VERRUCOSUM,	<i>Warty-flowered Panicgrass</i> (3).	Cabinet.
1342 PANICUM AGROSTOIDES,	<i>Agrostis-like Panicgrass</i> (3).	Cabinet.
1343 PANICUM PROLIFERUM,	<i>Proliferous Panicgrass</i> (2).	- Cabinet.
1344 PENNISETUM GLAUCUM,	<i>Foxtail, or Bottlegrass</i> (2).	- Cabinet.
1345 PENNISETUM VIRIDE,	<i>Green Bottlegrass</i> (1).	- - - Cabinet.
1346 CENCHRUS TRIBULOIDES,	<i>Burgrass</i> (4).	- - - - - Cabinet.

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1347 ORYZOPSIS ASPERIFOLIA,	<i>White-grained Mountain-rice</i> (4).	Cabinet.
1348 ORYZOPSIS MELANOCARPA,	<i>Black-fruited Mountain-rice</i> (2).	Cabinet.
1349 ORYZOPSIS CANADENSIS,	<i>Smallest Mountain-rice</i> (2).	- Cabinet.
1350 STIPA AVENACEA,	<i>Black Oatgrass</i> (1).	- - - Cabinet.
1351 ARISTIDA DICHOTOMA,	<i>Dichotomous Threawned-grass</i> (2).	Cabinet.
1352 ARISTIDA GRACILIS,	<i>Slender Threawned-grass</i> (3).	Cabinet.

Latin Names.	English Names.	
1353 MUHLENBERGIA DIFFUSA,	<i>Dropseed-grass</i> (3).	- - - - Cabinet.
1354 MUHLENBERGIA CINNA,	<i>Tall Muhlenbergia.</i>	
1355 MUHLENBERGIA WILLDENOVII,	<i>Willdenow's Muhlenbergia</i> (3).	Cabinet.
1356 MUHLENBERGIA SYLVATICA,	<i>Wood Muhlenbergia</i> (3).	- - Cabinet.
1357 MUHLENBERGIA SOBOLIFERA,	<i>Awnless Muhlenbergia.</i>	
1358 MUHLENBERGIA GLOMERATA,	<i>Cluster-spiked Muhlenbergia</i> (3).	Cab.
1359 MUHLENBERGIA MEXICANA,	<i>Mexican Muhlenbergia</i> (2).	- Cabinet.
1360 VILFA VAGINÆFLORA,	<i>Hidden-flowered Vilfa</i> (4).	- Cabinet.
1361 VILFA ASPERA,	<i>Rough-leaved Vilfa</i> (2).	- - Cabinet.
1362 VILFA SEROTINA,	<i>Late-flowering Vilfa</i> (3).	- - Cabinet.
1363 VILFA HETEROLEPIS,	<i>Strong-scented Vilfa.</i>	
1364 VILFA CRYPTANDRA,	<i>Large-panicked Vilfa</i> (1).	- - Cabinet.
1365 AGROSTIS VULGARIS,	<i>Herdsgrass.</i>	
1366 AGROSTIS ALBA,	<i>Fiorin-grass.</i>	
1367 AGROSTIS LAXIFLORA,	<i>Hairgrass</i> (6).	- - - - - Cabinet.
1368 AGROSTIS STRICTA,	<i>Upright-flowered Bentgrass</i> (2).	Cabinet.
1369 AGROSTIS CANINA,	<i>Bentgrass</i> (3).	- - - - - Cabinet.
1370 BRACHYELYTRUM ARISTATUM,	<i>Awned Brachyelytrum</i> (2).	Cabinet.
1371 CALAMAGROSTIS CANADENSIS,	<i>Canadian Smallreed</i> (5).	- Cabinet.
1372 CALAMAGROSTIS COARCTATA,	<i>Glaucous Smallreed</i> (2).	- Cabinet.
1373 CALAMAGROSTIS INEXPANSA,	<i>Close-flowered Smallreed</i> (2).	Cabinet.
1374 AMMOPHILA ARUNDINACEA,	<i>Common Seareed</i> (2).	- - - Cabinet.
1375 PHRAGMITES COMMUNIS,	<i>Common Reed</i> (1).	- - - - Cabinet.
1376 ELEUSINE INDICA,	<i>Dogstail-grass, or Yard-grass</i> (3).	Cabinet.
1377 SPARTINA CYNOSUROIDES,	<i>Tall Marshgrass</i> (2).	- - - Cabinet.
1378 SPARTINA JUNCEA,	<i>Rush-like Marshgrass</i> (3).	- Cabinet.
1379 SPARTINA ALTERNIFOLIA,	<i>Smooth Marshgrass</i> (2).	- - Cabinet.
1380 BOUTELOUA RACEMOSA,	<i>Racemed Bouteloua</i> (2).	- - Cabinet.
1381 AIRA FLEXUOSA,	<i>Common Hairgrass</i> (3).	- - - Cabinet.
1382 AIRA ATROPURPUREA,	<i>Purple Alpine Hairgrass</i> (3).	Cabinet.
1383 AIRA CÆSPITOSA,	<i>Tufted Hairgrass</i> (5).	- - - Cabinet.
1384 TRISETUM MOLLE,	<i>Soft Trisetum</i> (3).	- - - - Cabinet.

Latin Names.	English Names.
1385 AVENA PENNSYLVANICUM,	<i>Pennsylvanian Wildoat</i> (3). - Cabinet.
1386 AVENA STRIATA,	<i>Purple Wildoat</i> (2). - - - Cabinet.
1387 ARRHENATHERUM AVENACEUM,	<i>Grass-of-the-Andes</i> (2). - Cabinet
1388 DANTHONIA SPICATA,	<i>Wild Oatgrass</i> (3). - - - Cabinet.
1389 URALEPIS ARISTULATA,	<i>Short-awned Uralepis</i> (3). - Cabinet.
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1390 POA ANNUA,	<i>Annual Meadowgrass</i> (5). - Cabinet.
1391 POA LAXA,	<i>Few-flowered Alpine Meadowgrass</i> (3).Cabinet.
1392 POA TRIVIALIS,	<i>Rough Meadowgrass</i> (1). - - Cabinet.
1393 POA PRATENSIS,	<i>Smooth-stalked Meadowgrass</i> (3).Cabinet.
1394 POA COMPRESSA,	<i>Bluegrass, or Wiregrass</i> (7). Cabinet.
1395 POA PUNGENS,	<i>Sharp-leaved Meadowgrass</i> (2). Cabinet.
1396 POA NEMORALIS,	<i>Wood Meadowgrass</i> (1). - - Cabinet.
1397 POA SEROTINA,	<i>Redtop</i> (2). - - - - - Cabinet.
1398 POA DEBILIS,	<i>Weak Meadowgrass</i> (3). - - Cabinet.
1399 POA ERAGROSTIS,	<i>Strongscented Meadowgrass</i> (1). Cabinet.
1400 POA PILOSA,	<i>Slender Meadowgrass</i> (2). - Cabinet.
1401 POA REPTANS,	<i>Creeping Meadowgrass</i> (4). - Cabinet.
1402 POA HIRSUTA,	<i>Hairy Meadowgrass</i> (1). - - Cabinet.
1403 POA CAPILLARIS,	<i>Hair-panicled Meadowgrass</i> (2). Cabinet.
1404 POA DENTATA,	<i>Toothed Meadowgrass</i> (2). - Cabinet.
1405 POA MICHAUXII,	<i>Spiked Saltmarsh Poa</i> (3). - Cabinet.
1406 TRICUSPIS SESLERIOIDES,	<i>Tall Redtop</i> (2). - - - - Cabinet.
1407 GLYCERIA FLUITANS,	<i>Common Mannagrass</i> (1). - Cabinet.
1408 GLYCERIA ACUTIFLORA,	<i>Sharp-flowered Mannagrass</i> (2). Cabinet.
1409 GLYCERIA AQUATICA,	<i>Reed Mannagrass</i> (1). - - - Cabinet.
1410 GLYCERIA NERVATA,	<i>Nerved Mannagrass</i> (6). - - Cabinet.
1411 GLYCERIA ELONGATA,	<i>Long-panicled Mannagrass</i> (2). Cabinet.
1412 GLYCERIA CANADENSIS,	<i>Rattlesnake-grass</i> (2). - - - Cabinet.
1413 DACTYLIS GLOMERATA,	<i>Cocksfoot-grass</i> (2). - - - - Cabinet.
1414 BROMUS SECALINUS,	<i>Cheat, or Chess</i> (2). - - - - Cabinet.
1415 BROMUS CILIATUS,	<i>Fringed Bromegrass</i> (4). - - Cabinet.
1416 BROMUS PURGANS,	<i>Hairy-flowered Bromegrass</i> (2). Cabinet.

Latin Names.	English Names.
1417 BROMUS STERILIS,	<i>Barren Bromegrass</i> (1). - - Cabinet.
1418 KÆLERIA PENNSYLVANICA,	<i>Pennsylvanian Kæleria</i> (2). - Cabinet.
1419 KÆLERIA TRUNCATA,	<i>Truncated Kæleria</i> (2). - - Cabinet.
1420 FESTUCA DURIUSCULA,	<i>Hard Fescuegrass</i> (3). - - - Cabinet.
1421 FESTUCA TENELLA,	<i>Slender Fescuegrass</i> (2). - - Cabinet.
1422 FESTUCA NUTANS,	<i>Nodding Fescuegrass</i> (2). - - Cabinet.
1423 FESTUCA ELATIOR,	<i>Tall Fescuegrass</i> (1). - - - Cabinet.
1424 FESTUCA PRATENSIS,	<i>Meadow Fescuegrass</i> (2). - - Cabinet.
1425 DIPLACHNE FASCICULARIS,	<i>Cluster-flowered Diplachne</i> (2). Cabinet.
1426 UNIOLA GRACILIS,	<i>Slender Spikegrass</i> (2). - - Cabinet.
1427 LOLIUM PERENNE,	<i>Common Darnel</i> (1). - - - Cabinet.
1428 TRITICUM REPENS,	<i>Couchgrass, or Quitchgrass</i> (2). Cabinet.
1429 TRITICUM CANINUM,	<i>Fibrous-rooted Wheatgrass</i> (2). Cabinet.
1430 ELYMUS VIRGINICUS,	<i>Virginian Lyme-grass</i> (2). - Cabinet.
1431 ELYMUS CANADENSIS,	<i>Canadian Lyme-grass</i> (2). - - Cabinet.
1432 ELYMUS VILLOSUS,	<i>Slender-hairy Lyme-grass</i> (2). Cabinet.
1433 ELYMUS HYSTRIX,	<i>Bottlebrush-grass</i> (4). - - - Cabinet.
1434 ANDROPOGON NUTANS,	<i>Indian Beardgrass.</i>
1435 ANDROPOGON SCOPARIUS,	<i>Purple Woodgrass</i> (2). - - Cabinet.
1436 ANDROPOGON FURCATUS,	<i>Finger-spiked Woodgrass</i> (2). Cabinet.
1437 ANDROPOGON VIRGINICUS,	<i>Virginian Beardgrass</i> (3). - Cabinet.
1438 ANDROPOGON MACROURUS,	<i>Cluster-flowered Beardgrass</i> (2). Cabinet.

A D D I T I O N S.

PLANTS DISCOVERED DURING THE PRINTING OF THE FLORA,

And described in Vol. ii, pp. 515 et seq.

Latin Names.	English Names.	
1439 POLYGALA LUTEA,	<i>Yellow Milkwort,</i>	
1440 DESMODIUM LÆVIGATUM,	<i>Rigid Upright Desmodium,</i>	
1441 LYTHRUM SALICARIA,	<i>Common Purple Loosestrife.</i>	
1442 SAXIFRAGA AIZOIDES,	<i>Yellow Mountain Saxifrage.</i>	
1443 EUPATORIUM HYSSOPIFOLIUM,	<i>Hyssop-leaved Hempweed,</i>	
1444 EUPATORIUM ALBUM,	<i>Whiteheaded Hempweed,</i>	
1445 EUPATORIUM RESINOSUM,	<i>Resinous Hempweed,</i>	
1446 ASTER CONCOLOR,	<i>Racemed Violet Aster.</i>	
1447 OAKESIA CONRADI,	<i>Conrad's Oakesia</i> (3). - - -	Cabinet.
1448 CALYPSO BOREALIS,	<i>Northern Calypso.</i>	
1449 ELEOCHARIS MELANOCARPA,	<i>Black-fruited Eleocharis</i> (2).	Cabinet.

PLANTS DISCOVERED AND COLLECTED SINCE THE PUBLICATION OF THE FLORA.

1450 ROBINIA VISCOSA,	<i>Clammy Locust</i> (1). - - -	Cabinet.
1451 VICIA CAROLINIANA,	<i>Carolinian Vetch</i> (1). - - -	Cabinet.
1452 STELLARIA LONGIPES,	<i>Long-stalked Stitchwort</i> (1). -	Cabinet.
1453 TRIFOLIUM INCARNATUM,	<i>Incarinate Clover</i> (2). - - -	Cabinet.
1454 PYRUS MALUS,	<i>Common Apple</i> (4). - - -	Cabinet.
1455 ŒNOTHERA RIPARIA,	<i>Bank Evening-primrose</i> (1). -	Cabinet.
1456 GALIUM CONCINNUM,	<i>Concinnate Bluets</i> (1). - - -	Cabinet.

Latin Names.	English Names.	
1457 PHLOMIS TUBEROSA,	<i>Tuberous Phlomis</i> (2).	- - - Cabinet.
1458 LITHOSPERMUM LATIFOLIUM,	<i>Broad-leaved Gromwell</i> (1).	Cabinet.
1459 ONOSMODIUM CAROLINIANUM,	<i>Carolina False-gromwell</i> (2).	Cabinet.
1460 AMARANTHUS TAMARISCINUS,	<i>Salt Amaranth</i> (1).	- - - Cabinet.
1461 CHENOPODIUM MURALE,	<i>Wall Goosefoot</i> (3).	- - - Cabinet.
1462 SALIX FRAGILIS,	<i>Brittle Willow</i> (8).	- - - Cabinet.
1463 SALIX BABYLONICA,	<i>Weeping Willow</i> (2).	- - - Cabinet.
1464 SALIX ERIOCEPHALA,	<i>Woolly-head Willow</i> (3).	- - Cabinet.
1465 SALIX ANGUSTATA,	<i>Narrow-leaved Willow</i> (3).	- Cabinet.
1466 MELANTHIUM HYBRIDUM,	<i>Hybrid Melanthium</i> (1).	- - Cabinet.
1467 CAREX STEUDELII,	<i>Stuedel's Sedge</i> (1).	- - - Cabinet.
1468 CAREX PANICULATA,	<i>Panicled Sedge</i> (1).	- - - Cabinet.
1469 CAREX VULGARIS,	<i>Small Black-scaled Sedge</i> (1).	Cabinet.
1470 CAREX TORTA,	<i>Twisted Sedge</i> (6).	- - - - Cabinet.
1471 CAREX GRISEA,	<i>Greyish Sedge</i> (4).	- - - - Cabinet.
1472 CAREX PLATYPHYLLA,	<i>Flat-leaved Sedge</i> (2).	- - - Cabinet.
1473 CAREX COMOSA,	<i>Cyprus-like Sedge</i> (3).	- - Cabinet.
1474 PANICUM FAUCIFLORUM,	<i>Few-flowered Panicgrass</i> (2).	Cabinet.
1475 AVENA SATIVA,	<i>Common Oat</i> (2).	- - - - Cabinet.
1476 SPARTINA POLYSTACHYA,	<i>Tall Saltmarsh-grass</i> (2).	- Cabinet.
1477 CINNA PENDULA,	<i>Pendulous Cinna</i> (2).	- - - Cabinet.
1478 CINNA ARUNDINACEA,	<i>Reed-like Cinna</i> (2).	- - - Cabinet.

BOTANY OF NEW-YORK,

OR THE

New-York Flora.

BY JOHN TORREY.

DIVISION II. CRYPTOGRAMOUS PLANTS.

BOTANY.

DIVISION II. CRYPTOGAMOUS PLANTS.

Vol. 46.] ORDER CXXVI. EQUISETACEÆ.

Latin Name.	English Name.	In the
1 EQUISETUM ARVENSE,	<i>Field Horsetail,</i>	
2 EQUISETUM SYLVATICUM,	<i>Wood Horsetail</i> (7). - - -	Cabinet.
3 EQUISETUM LIMOSUM,	<i>Smooth Swamp Horsetail,</i> or <i>Pipes</i> (3).	Cabinet.
4 EQUISETUM HYEMALE,	<i>Scouring Rush</i> (4). - - -	Cabinet.
5 EQUISETUM VARIEGATUM,	<i>Variegated Rough Horsetail</i> (5)	Cabinet
6 EQUISETUM SCIRPOIDES,	<i>Smallest Rough Horsetail</i> (3).	Cabinet.

ORDER CXXVII. FILICES.

7 POLYPODIUM VULGARE,	<i>Common Polypody</i> (2). - -	Cabinet.
8 POLYPODIUM PHEGopteris,	<i>Beech Polypody</i> (2). - - -	Cabinet.
9 POLYPODIUM HEXAGONOPTERUM,	<i>Winged Polypody</i> (1). - -	Cabinet.
10 POLYPODIUM DRYOPTERIS,	<i>Three-branched Polypody</i> (2).	Cabinet.
11 STRUTHIOPTERIS GERMANICA,	<i>Common Ostrichfern</i> (4). - -	Cabinet.
12 ALLOSORUS GRACILIS,	<i>Slender Allosorus</i> (4). - - -	Cabinet.
13 ADIANTUM PEDATUM,	<i>Maidenhair,</i> or <i>Mohair</i> (1). -	Cabinet.
14 PTERIS AQUILINA,	<i>Common Brake,</i> or <i>Bracken</i> (2).	Cabinet.
15 PLATYLOMA ATROPURPUREA,	<i>Purple-stalked Rockbrake</i> (2).	Cabinet.
16 DOODIA VIRGINICA,	<i>Virginian Doodia</i> (1). - - -	Cabinet.
17 WOODWARDIA ANGUSTIFOLIA,	<i>Narrow-leaved Woodwardia</i> (2).	Cabinet.
18 SCOLOPENDRUM OFFICINARUM,	<i>Common Houndstongue</i> (2). -	Cabinet.
19 ASPLENIUM TRICHOMANES,	<i>Small Rock Spleenwort</i> (3). -	Cabinet.

Latin Names.	English Names.
20 ASPLENIUM EBENEUM,	<i>Screwfern</i> (3). - - - - Cabinet.
21 ASPLENIUM ANGUSTIFOLIUM,	<i>Narrow-leaved Spleenwort</i> (2). Cabinet.
22 ASPLENIUM RUTA-MURARIA,	<i>Wall-rue Spleenwort</i> (3). - - Cabinet.
23 ASPLENIUM THELYPTERIOIDES,	<i>Silvery Spleenwort</i> (1). - - Cabinet.
24 ASPLENIUM FILIX-FEMINA,	<i>Female-fern</i> (1). - - - - Cabinet.
25 ANTIGRAMMA RHIZOPHYLLA,	<i>Walking-fern</i> (5). - - - - Cabinet.
26 ASPIDIUM MARGINALE,	<i>Marginal Shieldfern</i> (1). - - Cabinet.
27 ASPIDIUM GOLDIANUM,	<i>Goldie's Shieldfern</i> (2). - - Cabinet.
28 ASPIDIUM CRISTATUM,	<i>Crested Shieldfern</i> (1). - - Cabinet.
29 ASPIDIUM DILATATUM,	<i>Dilated Shieldfern</i> (1). - - Cabinet.
30 ASPIDIUM THELYPTERIS,	<i>Meadow Shieldfern</i> (1). - - Cabinet.
31 ASPIDIUM NOVEBORACENSE,	<i>New-York Shieldfern</i> (1). - Cabinet.
32 ASPIDIUM ACROSTICHOIDES,	<i>Terminal Shieldfern</i> (2). - - Cabinet.
33 ASPIDIUM ACULEATUM,	<i>Prickly Shieldfern.</i>
34 ONOCLEA SENSIBILIS,	<i>Sensitive-fern</i> (4). - - - - Cabinet.
35 WOODSIA ILVENSIS,	<i>Rusty Rock Polypody.</i>
36 WOODSIA OBTUSA,	<i>Obtuse Woodsia</i> (3). - - - Cabinet.
37 CYSTOPTERIS FRAGILIS,	<i>Brittle Bladderfern</i> (4). - - Cabinet.
38 CYSTOPTERIS BULBIFERA,	<i>Bulb-bearing Bladderfern</i> (2). Cabinet.
39 DICKSONIA PILOSIUSCULA,	<i>Hairy Dicksonia</i> (2). - - - Cabinet.
40 OSMUNDA CLAYTONIANA,	<i>Interrupted Flowering-fern</i> (1). Cabinet.
41 OSMUNDA CINNAMOMEA,	<i>Woolly Flowering-fern</i> (2). - Cabinet.
42 OSMUNDA SPECTABILIS,	<i>Showy Flowering-fern</i> (2). - Cabinet.
43 LYGODIUM PALMATUM,	<i>Climbing-fern</i> (1). - - - - Cabinet.
44 OPHIOGLOSSUM VULGATUM,	<i>Common Adderstongue</i> (2). - Cabinet.
45 BOTRYCHIUM VIRGINICUM,	<i>Rattlesnake-fern</i> (1). - - - Cabinet.
46 BOTRYCHIUM LUNARIOIDES,	<i>Tall Smooth Moonwort</i> (2). - Cabinet.
47 BOTRYCHIUM SIMPLEX,	<i>Dwarf Moonwort</i> (1). - - - Cabinet.

ORDER CXXXVIII. LYCOPODIACEÆ.

48 LYCOPODIUM SELAGO,	<i>Fir Clubmoss</i> (3). - - - - Cabinet.
49 LYCOPODIUM LUCIDULUM,	<i>Shining Clubmoss</i> (3). - - - Cabinet.
50 LYCOPODIUM INUNDATUM,	<i>Low Marsh Clubmoss</i> (7). - - Cabinet.

PLANTS.

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Latin Names.	English Names.
51 LYCOPODIUM ANNOTINUM,	<i>Interrupted Clubmoss</i> (2). - - Cabinet.
52 LYCOPODIUM OBSCURUM,	<i>Groundpine</i> (2). - - - - Cabinet.
53 LYCOPODIUM CLAVATUM,	<i>Common Clubmoss</i> (2). - - - Cabinet.
54 LYCOPODIUM COMPLANATUM,	<i>Festoon Groundpine</i> (2). - - Cabinet.
55 SELAGINELLA RUPESTRIS,	<i>Small Rock Clubmoss</i> (4). - Cabinet.
56 SELAGINELLA APUS,	<i>Moss-like Selaginella</i> (4). - - Cabinet.

ORDER CXXIX, SALVINIACEÆ.

57 SALVINIA NATANS,	<i>Floating Salvinia.</i>
58 AZOLLA CAROLINIANA,	<i>Carolinian Azolla</i> (3). - - - Cabinet.

ORDER CXXX. ISOETACEÆ.

59 ISOETES LACUSTRIS,	<i>Common Quillwort</i> (1). - - Cabinet.
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MINERALOGY OF NEW-YORK,

BY LEWIS C. BECK.

MINERALOGY.

CLASS I. GASEOUS MINERALS.

ORDER I. COMBUSTIBLE GASES.

Names of Species.	Localities.
1 HYDROGEN (Not found pure).	
2 CARBURETTED HYDROGEN (See Mineralogy, p. 128).	
3 SULPHURETTED HYDROGEN (See Mineralogy, p. 141).	
4 PHOSPHURETTED HYDROGEN (Sometimes found in marshes).	

ORDER II. NON-COMBUSTIBLE GASES.

- 5 OXYGEN (Sometimes found to predominate in the air given out by springs).
- 6 NITROGEN (See Mineralogy, p. 133).
- 7 CARBONIC ACID (See Mineralogy, p. 134).
- 8 ATMOSPHERIC AIR (Sometimes evolved from springs).

CLASS II. LIQUID MINERALS, NOT COMBUSTIBLE.

ORDER I. LIQUID ACIDS.

- 9 HYDROUS SULPHURIC ACID (See Mineralogy, p. 150).

ORDER II. LIQUID MINERALS, NOT ACID.

- 10 ATMOSPHERIC WATER (See Mineralogy, p. 178).
- 11 SEA WATER (See Mineralogy, p. 179).

CLASS III. COMBUSTIBLE MINERALS, NOT GASEOUS.

Names.	Localities.	In the
12 SULPHUR (1 specimen),	Springport, Essex county.	- - Cabinet.
13 BITUMEN : <i>Petroleum</i> (1),	Erie county.	- - - - - Cabinet.
14 AMBER,	Rossville, Richmond county.	
15 GRAPHITE (19 specimens),	- - - - -	- - - - - Cabinet.
---	Rogersrock, Essex, 2 specimens;	
---	Ticonderoga, Essex, 3;	
---	Port Henry, Essex, 2;	
---	Fishkill, Dutchess, 4;	
---	Brown's quarry, Putnam, 1;	
---	Edenville, Orange, 2;	
---	Saltus's quarry, Essex, 1;	
---	Rossie, St. Lawrence, 1;	
---	Johnsburgh, Warren, 2;	
---	Rossie furnace, St. Lawrence, 1.	
16 ANTHRACITE(5);	- - - - -	- - - - - Cabinet.
---	Littlefalls, Herkimer, 2;	
---	Sprakers, Montgomery, 2;	
---	Middleburgh, Schoharie, 1.	
17 COAL (See Mineralogy, p. 190).		
18 LIGNITE (See Mineralogy, p. 191).		
19 PEAT(1),	Lansingburgh, Rensselaer.	- - Cabinet.

CLASS IV. ALKALINE MINERALS.

ORDER I. AMMONIA.

20 CARBONATE OF AMMONIA, In New-York city.

ORDER II. SODA.

- 21 GLAUBER'S SALT, In Rochester, Monroe.
- 22 NATRON, New-York city, etc.
- 23 COMMON SALT (See Mineralogy, p. 99).
- 24 HYDRIODATE OF SODA, Probably in the brine springs of Onondaga.

ORDER III. POTASH.

- 25 SULPHATE OF POTASH, Perhaps in the brine of Salina.
- 26 CARBONATE OF POTASH, Water of certain springs:

Names.	Localities.
27 MURIATE OF POTASH,	Water of brine springs, etc.
28 HYDROBROMATE OF POTASH,	Waters of Saratoga.
29 ALUM,	Catskill mountains, etc.

CLASS V. ALKALINE EARTHY MINERALS.

ORDER I. BARYTA.

30 HEAVY SPAR(35),	- - - - - Cabinet.
—	Schoharie courthouse, Schoharie, 5;
—	Littlefalls, Herkimer, 2;
—	Middleburgh, Schoharie, 4;
—	Syracuse, Onondaga, 2;
—	Pillar point, Jefferson, 2;
—	Rossie, St.Lawrence, 5;
—	Carlisle, Schoharie, 4;
—	Gouverneur, St.Lawrence, 4;
—	Oxbow, Jefferson, 4;
—	Wayne county, 3.
31 CELESTINE(8),	- - - - - Cabinet.
—	Stark, Herkimer, 3;
—	Syracuse, Onondaga, 2;
—	Lockport, Niagara, 2.

ORDER II. STRONTIAN.

32 STRONTIANITE(12),	- - - - - Cabinet.
—	Schoharie courthouse, Schoharie, 11;
—	Antwerp, Jefferson, 1.
33 BARYSTRONTIANITE,	Near Hamilton College, Oneida,

ORDER III. LIME.

34 CALCAREOUS SPAR(157),	- - - - - Cabinet.
—	Gouverneur, St.Lawrence, 5;
—	Diana, Lewis, 2;
—	Antwerp, Jefferson, 11;
—	Oxbow, Jefferson, 9;
—	Littlefalls, Herkimer, 3;
—	Middleville, Herkimer, 3;
—	Camillus, Onondaga, 3;
—	Haverstraw, Rockland, 5;
—	Warwick, Orange, 2;
—	Amity, Orange, 4;

Names.	Localities.
CALCAREOUS SPAR :	
—	Newburgh, Orange, 1;
—	Martinsburgh, Lewis, 4;
—	Rossie, St.Lawrence, 33;
—	Catskill, Greene, 11;
—	Canaan, Columbia, 1;
—	Middleburgh, Schoharie, 2;
—	Cobleskill, Schoharie, 3:
—	Diamond point, Warren, 3;
—	Fort-Ann, Washington, 1;
—	Parish mine, St.Lawrence, 5;
—	Monroe, Orange, 2;
—	Port Henry, Essex, 9;
—	Ball's cave, Schoharie, 4;
—	Schoharie courthouse, Schoharie, 1;
—	Glenville, Schenectady, 1;
—	Rogersrock, Essex, 1;
—	Yonkers, Westchester, 1;
—	O'Niel mine, Orange, 1;
—	Muscolunge lake, Jefferson, 1;
—	Nethaway's cave, Schoharie, 1;
—	Young's cave, Schoharie, 1;
—	Caldwell, Warren, 1;
—	Lockport, Niagara, 2;
—	Catskill, Greene, 2;
—	Edenville, Orange, 1;
—	Cornwall, Orange, 4;
—	Monroe, Orange, 3;
—	Naturalbridge, Lewis, 1;
—	Diana, Lewis, 2;
—	Schroon, Essex, 1;
—	Flat creek, Montgomery, 1;
—	Ball's cave, Schoharie, 1;
—	Ball's cave, Schoharie, 1;
—	Cheshire, Ontario, 1;
—	Rossie, St.Lawrence, 1.
35	MARBLE(5), - - - - - Cabinet.
—	Montagne's quarry, Rockland, 1;
—	Hastings, Westchester, 1;
—	Haverstraw, Rockland, 1;
—	Grassy point, Rockland, 1;
—	Pleasant-valley, Dutchess, 1.

Names.	Localities.	
36 FIBROUS LIMESTONE(11),	- - - - -	Cabinet.
—	Camillus, Onondaga, 6;	
—	Naturalbridge, Jefferson, 1;	
—	Ball's cave, Schoharie, 1;	
—	Carlisle, Schoharie, 1;	
—	Rossie, St.Lawrence, 2.	
37 CONCRETED CARBONATE OF LIME(22),	- - - - -	Cabinet.
— AGARIC MINERAL,	Cobleskill, Schoharie, 1;	
— OOLITIC LIMESTONE,	Warwick, Orange, 2;	
— OOLITIC LIMESTONE,	Greenfield, Saratoga, 2;	
— CALCAREOUS SINTER,	Newburgh, Orange, 1;	
— CALCAREOUS TUSA,	Jamesville, Onondaga, 4;	
— CALCAREOUS TUSA,	Lenox, Madison, 2;	
— CALCAREOUS TUSA,	Rochester, Monroe, 1;	
— CALCAREOUS TUSA,	Syracuse, Onondaga, 1;	
— CALCAREOUS TUSA,	Chittenango, Madison, 1;	
— CALCAREOUS TUSA,	Martinsburgh, Lewis, 1;	
— CALCAREOUS TUSA,	Marcellus, Onondaga, 1;	
— FERRUGINOUS,	Johnsburgh, Warren, 3;	
— CRYSTALLIZED,	Anthony's Nose, Putnam, 2.	
38 MARL(5),	- - - - -	Cabinet.
—	Dewitt, Onondaga, 1;	
—	Syracuse, Onondaga, 3;	
—	Salina, Onondaga, 1.	
39 ARRAGONITE(6),	- - - - -	Cabinet.
—	Monroe, Orange, 1;	
—	Patterson, Putnam, 1;	
—	O'Niel mine, Orange, 2;	
—	Edenville, Orange, 1;	
—	How's cave, Schoharie, 1.	
40 GYPSUM(32),	- - - - -	Cabinet.
—	Stark, Herkimer, 2;	
—	Lockport, Niagara, 2;	
—	Lenox, Madison, 1;	
—	Onondaga county, 2;	
—	Syracuse, Onondaga, 4;	
—	Dewitt, Onondaga, 6;	
—	Manlius, Onondaga, 4;	
—	Camillus, Onondaga, 7;	
—	Cayuga county, 1;	
— SELENITE,	Lockport, Niagara, 1;	
— SELENITE,	O'Niel mine, Orange, 1.	

Names.	Localities.
41 ANHYDRITE,	Lockport, Niagara.
42 APATITE(13),	- - - - - Cabinet.
—	Rossie, St.Lawrence, 1;
—	Hammond, St.Lawrence, 1;
—	Hall mine, Essex, 3;
—	Edenville, Orange, 4;
—	Westfarms, Westchester, 1;
—	Diana, Lewis, 2;
— EUPYRCHROITE,	Crownpoint, Essex, 3.
43 FLUOR SPAR(15),	* - - - - * * * Cabinet.
—	Lowville, Lewis, 2;
—	Amity, Orange, 2;
—	Niagara, Niagara, 4;
—	Schoharie courthouse, Schoharie, 3;
—	Alexandria, Jefferson, 2;
—	Manlius, Onondaga, 2.
44 MURIATE OF LIME,	Water of several mineral springs.
45 DATHOLITE,	Piermont, Rockland, etc.
46 PHARMACOLITE,	Monroe, Orange.

ORDER IV. MAGNESIA.

47 BRUCITE,	Quarantine, Richmond, etc.
48 CARBONATE OF MAGNESIA,	Staten island, etc.
49 EPSOM SALT,	Bethlehem, Albany, etc.
50 MAGNESIAN CARBONATE OF LIME(27),	- - - - - Cabinet.
— PEARL SPAR,	Lockport, Niagara, 1;
— PEARL SPAR,	Littlefalls, Herkimer, 2;
— PEARL SPAR,	Niagara falls, Niagara, 2;
— PEARL SPAR,	Rossie, St.Lawrence, 4;
— PEARL SPAR,	Theresa, Jefferson, 1;
— BROWN SPAR,	Diamond island, Warren, 2;
— BROWN SPAR,	Parish mine, St.Lawrence, 3;
— DOLOMITE,	Kingsbridge, New-York, 2;
— DOLOMITE,	Amenia, Dutchess, 1;
— GURHOFITE,	Phillipstown, Putnam, 5;
— GURHOFITE,	Quarantine, Richmond, 4.
51 HYDRAULIC LIMESTONE(3),	- - - - - Cabinet.
—	Schoharie courthouse, Schoharie, 1;
—	Van Eps's quarry, Montgomery, 1;
—	Lockport, Niagara, 1.
52 HYDROBROMATE OF MAGNESIA,	In sea water, etc.

CLASS VI. EARTHY MINERALS.

ORDER I. SILICA.

Names.	Localities.	
53 QUARTZ(65),	- - - - -	Cabinet.
—	Middleville, Herkimer, 2;	
—	Littlefalls, Herkimer, 1;	
—	Port Richmond, Richmond, 3;	
—	Diamond point, Warren, 3;	
—	Craigville, Orange, 2;	
—	Ellenville, Ulster, 3;	
—	Oxbow, Jefferson, 2;	
—	Redbridge, Ulster, 4;	
—	Sterling mine, Jefferson, 2;	
—	Diana, Lewis, 4;	
—	Wurtzborough mine, Sullivan, 2;	
—	Catskill, Greene, 1;	
—	Ticonderoga, Essex, 1;	
—	Rossie, St. Lawrence, 3;	
—	Root, Montgomery, 2;	
—	Shawangunk mountains, Sullivan, 1;	
—	Saratoga springs, Saratoga, 2;	
—	Warwick, Orange, 3;	
—	Hastings, Westchester, 1;	
—	Leyden, Lewis, 1;	
—	New-Rochelle, Westchester, 1;	
—	Yonkers, Westchester, 3;	
—	Littlefalls, Herkimer, 2;	
—	Port Henry, Essex, 3;	
—	Quarantine, Richmond, 2;	
—	Warwick, Orange, 1;	
—	New-Rochelle, Westchester, 1;	
—	Sprakers, Montgomery, 2;	
—	Warwick, Orange, 2;	
—	Warwick, Orange, 3;	
—	Phillips's mine, Putnam, 2.	
54 TABULAR SPAR(7),	- - - - -	Cabinet.
—	Lewis, Essex, 6;	
—	Diana, Lewis, 1.	
55 NEMALITE,	Piermont, Rockland.	

Names.	Localities.	
56 SERPENTINE(107),	- - - - -	Cabinet.
—	Syracuse, Onondaga, 8;	
—	New-Rochelle, Westchester, 8;	
—	Rye, Westchester, 3;	
—	Tonroe, Orange, 1;	
—	Rossie, St.Lawrence, 4;	
—	Port Henry, Essex, 2;	
—	Phillipstown, Putnam, 4;	
—	New-York, New-York, 2;	
—	Diana, Lewis, 2;	
—	Quarantine, Richmond, 2;	
—	Gouverneur, St.Lawrence, 3;	
—	Antwerp, Jefferson, 1;	
—	Warwick, Orange, 1;	
—	Amity, Orange, 2;	
—	Oxbow, Jefferson, 5;	
—	Natural-dam, St.Lawrence, 2;	
— BLACK,	Warwick, Orange, 2;	
— BLACK,	Forshee mine, Monroe, Orange, 2;	
— BLACK,	Southeast, Putnam, 1;	
— DARK,	Brown's quarry, Putnam, 3;	
— GREEN,	Fort-Ann, Washington, 4;	
— GREY,	Fort-Ann, Washington, 2;	
— YELLOW,	Phillipstown, Putnam, 4;	
— MARMOLITE,	New-Rochelle, Westchester, 1;	
— MARMOLITE,	Rye, Westchester, 1;	
— MARMOLITE,	Phillipstown, Putnam, 2;	
— SOAPSTONE,	Warwick, Orange, 3;	
— SOAPSTONE,	Fort-Ann, Washington, 1;	
— SOAPSTONE,	Wilks mine, Monroe, Orange, 1;	
— SOAPSTONE,	Amity, Orange, 1;	
— SOAPSTONE,	Diana, Lewis, 1;	
— SOAPSTONE,	Gouverneur, St.Lawrence, 2;	
— VERD ANTIQUE,	Port Henry, Essex, 5;	
— VERD ANTIQUE,	Amity, Orange, 6;	
— VERD ANTIQUE,	Gouverneur, St.Lawrence, 2;	
— CRYSTALIZED,	Greenwood, Orange, 1.	
57 MAGNESITE(4),	Stony point, Rockland. - - -	Cabinet.
58 CHONDRODITE(37),	- - - - -	Cabinet.
—	Southeast, Putnam, 1;	
—	Port Henry, Essex, 3;	
—	Rossie, St.Lawrence, 8;	
—	Amity, Orange, 12;	

Names.	Localities.
CHONDRODITE :	
—	Edenville, Orange, 5;
—	Naturalbridge, Orange, 2;
—	Monroe, Orange, 3;
— CRYSTALLIZED,	Edenville, Orange, 2;
— CRYSTALLIZED,	Monroe, Orange, 1.
59 BOLTONITE,	Several places in Orange county.
60 TALC(12),	- - - - - Cabinet.
—	Quarantine, Richmond, 3;
—	Amity, Orange, 5;
—	Fishkill, Dutchess, 4.
61 PYROXENE(72),	- - - - - Cabinet.
—	Edenville, Orange, 6;
—	O'Niel mine, Monroe, Orange, 1;
—	Rogersrock, Essex, 2;
—	Ticonderoga, Essex, 4;
—	Greenwood, Monroe, Orange, 4;
—	Warwick, Orange, 3;
—	Gouverneur, St.Lawrence, 2;
—	Rossie, St.Lawrence, 2;
— WHITE,	Yonkers, Westchester, 1;
— WHITE,	Patterson, Putnam, 3;
— WHITE,	Kingsbridge, New-York, 2;
— BLUISH,	Haverstraw, Rockland, 2;
— BLACK,	Crag harbor, Essex, 1;
— GREY,	Richville, St.Lawrence, 2;
— COCCOLITE,	Monroe, Orange, 5;
— COCCOLITE,	Rogersrock, Essex, 2;
— COCCOLITE,	Lewis corners, Essex, 2;
— COCCOLITE,	Phillipstown, Putnam, 2;
— COCCOLITE,	Diana, Lewis, 2;
— COCCOLITE,	Carmel, Putnam, 1;
— COCCOLITE,	Port Henry, Essex, 1;
— SAHLITE,	Monroe, Orange, 5;
— SAHLITE,	Moriah, Essex, 1;
— DIOPSIDE,	Phillipstown, Putnam, 1;
— RENSSELAERITE,	Oxbow, Jefferson, 2.
62 HORNBLLENDE(194),	- - - - - Cabinet.
—	Carmel, Putnam, 2;
—	Lewis, Essex, 2;
—	Monroe, Orange, 13;
—	Amity, Orange, 29;

Names.	Localities.
HORNBLLENDE :	
—	Peckville, Fishkill, Dutchess, 1;
—	Yonkers, Westchester, 3;
—	Edenville, Orange, 13;
—	Warwick, Orange, 8;
—	Southeast, Putnam, 14;
—	Gouverneur, St.Lawrence, 2;
—	Stony point, Rockland, 1;
—	Florida, Orange, 4;
—	Moriah, Essex, 5;
—	Piermont, Rockland, 2;
— BOWLDER,	Nyack, Rockland, 1;
— BLACK,	New-Rochelle, Westchester, 3;
— BLACK,	Ticonderoga, Essex, 2;
— BLACK,	Crag harbor, Essex, 1;
— GREY,	Monroe, Orange, 4;
— BROWN,	Amity, Orange, 4;
— GRANULAR,	Crag harbor, Essex, 2;
— PARGASITE,	Whitehall, Washington, 2;
— PARGASITE,	Rossie, St.Lawrence, 1;
— EDENITE,	Warwick, Orange, 3;
— ACTINOLITE,	Cornwal, Orange, 1;
— ACTINOLITE,	Fishkill, Dutchess, 2;
— ACTINOLITE,	Rye, Westchester, 1;
— ACTINOLITE,	Grassy point, Rockland, 1;
— ACTINOLITE,	Kent, Putnam, 2;
— ASBESTUS,	Quarantine, Richmond, 4;
— ASBESTUS,	Stony point, Rockland, 1;
— ASBESTUS,	Monroe, Orange, 6;
— ASBESTUS,	Patterson, Putnam, 2;
— ASBESTUS,	Newburgh, Orange, 3;
— ASBESTUS,	Phillipstown, Putnam, 4;
— ASBESTUS,	Oxbow, Jefferson, 1;
— TREMOLITE,	Patterson, Putnam, 4;
— TREMOLITE,	Gouverneur, St.Lawrence, 2;
— do.	Richville, St.Lawrence, 3;
— do.	Hastings, Westchester, 6;
— do.	Dover, Dutchess, 3;
— do.	Edenville, Orange, 2;
— do.	Kingsbridge, New-York, 4;
— do.	Amity, Orange, 4;
— do.	Phillipstown, Putnam, 3;
— do.	Port Henry, Essex, 2;
— do.	New-Rochelle, Westchester, 3;
— do.	Rossie, St.Lawrence, 3;

Names.	Localities.
HORNBLLENDE :	
— PSEUDOMORPHS,	Edenville, Orange, 2;
— PSEUDOMORPHS,	Amity, Orange, 3.
63 ARFWEDSONITE?(1)	Carmel, Putnam. - - - - Cabinet.
64 HYPERSTHENE(1),	Putnam, Washington. - - - Cabinet.
65 SCHILLER SPAR,	Carmel in Putnam, and Amity in Orange.
66 ANTHOPHYLLITE(5),	- - - - - Cabinet.
—	Rye, Westchester, 2;
—	New-Rochelle, Westchester, 3.
67 HYDROUS ANTHOPHYLLITE(5),	- * - - - - - Cabinet.
—	New-York island, 2;
—	New-Rochelle, Westchester, 2;
—	Fishkill, Dutchess, 1.

ORDER II. ALUMINA.

68 CORUNDUM,	Near Amity, Orange.
69 SPINELLE(40);	- - - - - Cabinet.
—	Amity, Orange, 19;
—	Edenville, Orange, 10;
—	Mount Eve, Orange, 2;
—	Warwick, Orange, 3;
—	Oxbow, Jefferson, 4;
—	Gouverneur, St.Lawrence, 1;
—	Russie, St.Lawrence, 1.
70 AUTOMOLITE;	Rossie, St.Lawrence.
71 GIBBSITE(1),	Unionvale, Dutchess.
72 ALUMINITE,	In the clay of Staten island, etc.
73 IDOCRASE(6),	- - - - - Cabinet.
—	Amity, Orange, 4;
—	Antwerp, Jefferson, 2.
74 GARNET(50),	- - - - - Cabinet.
—	Amity, Orange, 3;
—	Rogersrock, Essex, 12;
—	Greenfield, Saratoga, 1;
—	Lewis, Essex, 5;
—	New-Rochelle, Westchester, 2;
—	Hague, Warren, 1;
—	Sprakers, Montgomery, 4;
—	Westfarms, Westchester, 1;

Names.	Localities.
GARNET :	
—	Monroe, Orange, 4;
—	Dover, Dutchess, 3;
—	Yonkers, Westchester, 1;
— COLOPHONITE,	Lewis, Essex, 2;
— COLOPHONITE,	Carmel, Putnam, 1;
— COLOPHONITE,	Rogersrock, Essex, 2;
— COLOPHONITE,	Sterling mountain, 1;
— CINNAMON-STONE,	Amity, Orange, 1.
75 SCAPOLITE(30),	- - - - - Cabinet.
—	Amity, Orange, 1;
—	Monroe, Orange, 6;
—	Twoponds, Orange, 1;
—	Edenville, Orange, 1;
—	Ticonderoga, Essex, 2;
—	Oxbow, Jefferson, 3;
—	Lewis, Essex, 2;
—	Diana, Lewis, 1;
—	Gouverneur, St.Lawrence, 1;
— NUTTALLITE,	Naturalbridge, Lewis, 1;
— PSEUDOMORPH.	Oxbow, Jefferson, 1.
76 STAUROLITE(1),	Dover, Dutchess. - - - - Cabinet.
77 FELDSPAR(46),	- - - - - Cabinet.
—	Warwick, Orange, 2;
—	Monroe, Orange, 10;
—	Edenville, Orange, 2;
—	Cornwal, Orange, 1;
—	Southfield furnace, Orange, 2;
—	Greenfield, Saratoga, 1;
—	Cheever mine, Moriah, Essex, 3;
—	New-York island, 3;
—	Rogersrock, Essex, 1;
—	Ticonderoga, Essex, 2;
—	Westfarms, Westchester, 1;
—	Yonkers, Westchester, 3;
—	Hammond, St.Lawrence, 1;
—	Rössie, St.Lawrence, 3;
—	French mountain, Warren, 2;
—	Putnam, Washington, 2;
—	Diana, Lewis, 2;
—	Palmer mine, Clinton, 1;
—	Littlefalls, Herkimer, 2;
—	Phillipstown, Putnam, 1;
—	Grassy point, Rockland, 1.

Names.	Localities.	
78 LABRADORITE(8),	- - - - -	Cabinet.
—	Lewis corners, Essex, 2;	
—	Moriah, Essex, 4;	
—	Ogdensburgh, St.Lawrence, 1;	
— BOWLDER,	Hamptonburgh, Orange, 1.	
79 ALBITE(1),	Granville, Washington. - -	Cabinet.
80 STELLITE(4),	Piermont, Rockland. - - -	Cabinet.
81 MESOTYPE,	Harlem, New-York.	
82 STILBITE(9),	- - - - -	Cabinet.
—	Harlem, New-York, 5;	
—	Peekskill, Westchester, 4.	
83 HEULANDITE,	Near Westfarms, Westchester.	
84 EPISTILBITE,	In Rockland county?	
85 APOPHYLLITE,	Harlem, New-York.	
86 PREHNITE(1),	Westport, Essex. - - - -	Cabinet.
87 THOMSONITE,	Piermont, Rockland.	
88 LAUMONITE,	Phillipstown, Putnam (exhausted).	
89 ANALCIME,	Near Yonkers, Westchester.	
90 CHABAZITE,	Piermont, Rockland.	
91 EPIDOTE(15),	- - - - -	Cabinet.
—	Harlem, New-York, 4;	
—	Carmel, Putnam, 2;	
—	Cornwal, Orange, 1;	
—	Warwick, Orange, 3;	
—	Ticonderoga, Essex, 2;	
—	Westport, Essex, 2;	
—	Putnam, Washington, 1.	
92 TOURMALINE(25),	- - - - -	Cabinet.
—	Port Henry, Essex, 2;	
—	Gouverneur, St.Lawrence, 1;	
—	Yonkers, Westchester, 2;	
—	Harlem, New-York, 2;	
—	Edenville, Orange, 3;	
—	Warwick, Orange, 2;	
—	Amity, Orange, 2;	
—	Greenfield, Saratoga, 1;	
—	Richfield, St.Lawrence, 1;	
—	Ticonderoga, Essex, 1;	
— SCHORL,	Essex county, 1.	

Names.	Localities.
93 CLINTONITE(2),	Amity, Orange. - - - - - Cabinet.
94 ANDALUSITE,	Near Nyack, Rockland.
95 BUCHOLZITE(5),	- - - - - Cabinet.
—	Cornwal, Orange, 1;
—	Monroe, Orange, 3.
96 KYANITE,	Near New-York city.
97 ACHMITE,	Lockport, Niagara.
98 PITCHSTONE,	Dykes in Essex and Warren.
99 SPODUMENE,	Near Saratoga springs.
100 PYROPHYLLITE.	Near Westpoint, Orange.
101 MICA(73),	- - - - - Cabinet.
—	Ticonderoga, Essex, 1;
—	Antwerp, Jefferson, 5;
—	Oxbow, Jefferson, 2;
—	Rossie, St.Lawrence, 2;
—	Edwards, St.Lawrence, 2;
—	Gouverneur, St.Lawrence, 2;
—	Diana, Lewis, 1;
—	Greenfield, Saratoga, 5;
—	Putnam, Washington, 1;
—	Monroe, Orange, 12;
—	Edenville, Orange, 8;
—	Amity, Orange, 1;
—	Warwick, Orange, 4;
—	Kane's quarry, Westchester, 2;
—	Westfarms, Westchester, 1;
—	New-Rochelle, Westchester, 2;
—	Rye, Westchester, 1;
—	Southeast, Putnam, 1;
—	Yonkers, Westchester, 1;
—	Warwick, Orange, 1;
—	Greenwood, Monroe, Orange, 1;
—	Yonkers, Westchester, 4;
—	Edwards, St.Lawrence, 2;
—	Amity, Orange, 1;
—	Edenville, Orange, 3;
—	Edenville, Orange, 2;
—	Antwerp, Jefferson, 5.

ORDER III. GLUCINA.

Names.	Localities.
102 EMERALD,	Near New-York city, and near Singing in Westchester.
103 CHRYSOBERYL(2),	Greenfield, Saratoga. - - - Cabinet.

ORDER IV. ZIRCONIA.

104 ZIRCONITE(18),	- - - - - Cabinet.
—	Warwick, Orange, 8;
—	Edenville, Orange, 1;
—	Cornwal, Orange, 3;
—	Canterbury, Orange, 1;
—	Delong's mill, St.Lawrence, 1;
—	Hall mine, Moriah, Essex, 2.

CLASS VII. METALLIC MINERALS.

ORDER I. IRON.

105 NATIVE IRON,	Near Penn-Yan, Yates?
106 MAGNETIC IRON ORE(83),	- - - - - Cabinet.
—	Moriah, Essex, 15;
—	Ticonderoga, Essex, 2;
—	Crownpoint, Essex, 3;
—	Crag harbor, Essex, 2;
—	Clinton county, 5;
—	Antwerp, Jefferson, 1;
—	French mountain, Warren, 2;
—	Jessup's landing, Saratoga, 2;
—	Salisbury, Herkimer, 2;
—	Monroe, Orange, 37;
—	Cornwal, Orange, 6;
—	Canterbury, Orange, 1;
—	Phillipstown, Putnam, 4;
—	Southeast, Putnam, 3;
—	Haverstraw, Rockland, 2;
—	Port Henry, Essex, 2;
—	Duck pond, Suffolk, 1;
—	Lyonsdale, Lewis, 1;
—	Diana, Lewis, 1;
—	Gouverneur, St.Lawrence, 1.

Names.	Localities.	
107 SPECULAR IRON ORE(25),	- - - - -	Cabinet.
—	Hermon, St.Lawrence, 6;	
—	Gouverneur, St.Lawrence, 2;	
—	Edwards, St.Lawrence, 3;	
—	Antwerp, Jefferson, 2;	
—	Theresa, Jefferson, 2;	
—	Naturalbridge, Jefferson, 2;	
—	Port Henry, Essex, 1;	
— RED,	Oxbow, Jefferson, 1;	
— LENTICULAR,	Rochester, Monroe, 2;	
— JASPERY,	Hall mine, Moriah, Essex, 1;	
— JASPERY,	Parish mine, St.Lawrence, 1;	
— HEMATITE,	Ticonderoga, Essex, 1;	
— CRYSTALLIZED,	Gouverneur, St.Lawrence, 1.	
108 LIMONITE(36),	- - - - -	Cabinet.
—	Oxbow, Jefferson, 2;	
—	Port Henry, Essex, 1;	
—	Whitehall, Washington, 2;	
—	Fishkill, Dutchess, 2;	
—	Unionvale, Dutchess, 5;	
—	Amenia, Dutchess, 1;	
—	Monroe, Orange, 7;	
—	Near Canterbury, Orange, 3;	
—	Warwick, Orange, 1;	
—	Edenville, Orange, 2;	
—	Wurtzborough, Sullivan, 1;	
—	Near Quarantine, Richmond, 3;	
—	Peekskill, Westchester, 2;	
— UMBER,	Monroe, Orange, 3;	
— OCHRE,	Greig, Lewis, 2.	
109 IRON PYRITES(20),	- - - - -	Cabinet.
—	Rossie, St.Lawrence, 1;	
—	Port Henry, Essex, 2;	
—	Diana, Lewis, 2;	
—	Martinsburgh, Lewis, 3;	
—	Flat creek, Montgomery, 1;	
—	Yonkers, Westchester, 1;	
—	Schoharie courthouse, Schoharie, 2;	
—	Kingsbridge, New-York, 1;	
—	Wurtzborough, Sullivan, 1;	
—	Newburgh, Orange, 2;	
—	Warwick, Orange, 1;	
—	Theresa, Jefferson, 1;	
— SULPHURET,	Gouverneur, St.Lawrence, 2.	

Names.	Localities.
110 MAGNETIC IRON PYRITES(3),	- - - - - Cabinet.
—	Monroe, Orange, 1;
—	Port Henry, Essex, 2.
111 WHITE IRON PYRITES,	Near Warwick in Orange, etc.
112 ARSENICAL IRON PYRITES(10),	- - - - - Cabinet.
—	Brown's quarry, Putnam, 3;
—	Edenville, Orange, 6;
—	Amity, Orange, 1.
113 SCORODITE,	Warwick, Orange.
114 IRON SINTER(3),	Edenville, Orange.
115 SPATHOSE IRON(5),	- - - - - Cabinet.
—	Parish mine, St. Lawrence, 4;
—	Dodge mine, Hermon, St. Lawrence, 1.
116 ANKERITE,	Johnsburgh, Warren.
117 COPPERAS,	Not referred to.
118 ALUMINA-SULPHATE OF IRON,	Rossville, Richmond.
119 CHROME-IRON ORE(2),	- - - - - Cabinet.
—	Quarantine, Richmond, 1;
—	Rye, Westchester, 1.
120 VIVIANITE,	Harlem, New-York.
121 CACOXENITE(2),	Sterling mine, Antwerp, Jefferson. Cabinet.
122 ILVAITE,	In Essex county?
123 SILICATE OF IRON,	Ramapo, Rockland.
124 HUDSONITE(1),	Cornwal, Orange. - - - - Cabinet.

ORDER II. MANGANESE.

125 OXIDE OF MANGANESE(5),	- - - - - Cabinet.
—	Unionvale, Dutchess, 1;
—	Warwick, Orange, 2;
—	Sprakers, Montgomery, 1;
—	Crownpoint, Essex, 1.
126 MANGANESE SPAR,	In Essex and Warren counties.
127 BABINGTONITE,	Gouverneur, St. Lawrence.

ORDER III. ZINC.

128 ZINC BLENDE(10),	- - - - - Cabinet.
—	Flat creek, Root, Montgomery, 1;
—	Ellenville, Ulster, 2;

Names.	Localities.
ZINC BLENDE :	
—	Wurtzborough, Sullivan, 4;
—	Lockport, Niagara, 2;
—	Niagara falls, Niagara, 1.

ORDER IV. LEAD.

129 GALENA(22),	- - - - - Cabinet.
—	Old Rossie mine, St.Lawrence, 2;
—	* Mineral point, St.Lawrence, 3;
—	† Martinsburgh, Lewis, 8;
—	‡ Flat creek, Root, Montgomery, 3;
—	Wurtzborough, Sullivan, 5;
—	Macomb, St.Lawrence, 1.
130 WHITE LEAD ORE,	In St.Lawrence and Westchester counties.
131 ANGLSITE,	Rossie, St.Lawrence.
132 YELLOW LEAD ORE,	Ancram, Columbia.
133 PYROMORPHITE,	Near Singsing, Westchester.
134 VAUQUELINITE,	Near Singsing, Westchester.

ORDER V. BISMUTH.

135 NATIVE BISMUTH,	In Essex county?
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ORDER VI. COPPER.

136 NATIVE COPPER,	In Washington county?
137 RED COPPER ORE,	Ladenton, Rockland.
138 VITREOUS COPPER,	In Columbia and Dutchess counties.
139 COPPER PYRITES(6),	- - - - - Cabinet.
—	Rossie, St.Lawrence, 1;
—	Wurtzborough, Sullivan, 1;
—	Kane's quarry, Westchester, 1.
140 GREEN MALACHITE(2),	- - - - - Cabinet.
—	Phillips mine, Putnam, 1;
—	Theresa, Jefferson, 1.
141 AZURITE,	Singsing, Westchester.

ORDER VII. TITANIUM.

142 NATIVE TITANIUM,	Furnaces of St.Lawrence county, etc.
143 ANATASE(1),	Phillipstown, Putnam. - - Cabinet.

Names.	Localities.
144 RUTILE(2),	Amity, Orange. - - - - Cabinet.
145 ILMENITE(7),	- - - - - Cabinet.
—	Warwick, Orange, 4;
—	Stirling mine, Monroe, Orange, 2;
—	Cornwal, Orange, 1.
146 SPHENE(17),	- - - - - Cabinet.
—	Diana, Lewis, 2;
—	Phillips mine, Putnam, 2;
—	Warwick, Orange, 2;
—	Amity, Orange, 2;
—	Bush mine, Cornwall, Orange, 2;
—	Gouverneur, St. Lawrence, 3.
147 WARWICKITE(4),	- - - - -
—	Warwick, Orange, 2;
—	Edenville, Orange, 2.

ORDER VIII. MOLYBDENUM.

148 MOLYBDENITE(1),	23d-street, New-York city. - Cabinet.
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ORDER IX. ARSENIC.

149 ORPIMENT,	Near Carmel, Putnam.
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ORDER X. CERIUM.

150 ALLANITE,	Monroe, Orange.
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ORDER XI. SILVER.

151 NATIVE SILVER,	Singsing, Westchester.
152 VITREOUS SILVER,	Livingston's mine, Columbia.

ADDITIONS.

MINERALS FOUND SINCE THE MINERALOGY WAS PUBLISHED.

Names.	Localities.
153 TERENITE,	Antwerp, Jefferson.
154 COLUMBITE,	Greenfield, Saratoga.
155 LOXOCLASE,	Rossie, St.Lawrence.
156 MONAZITE,	Yorktown, Westchester.
157 NITRATE OF LIME,	Marbletown, Ulster.
158 PHYLLITE,	Clove iron mine, Dutchess.
159 YTTRO-CERITE,	Amity, Orange.
160 DYSINTRIBITE(1),	Theresa, Jefferson. * * * * Cabinet.
161 HOUGHITE(3),	Gouverneur, St.Lawrence. * * * * Cabinet.
162 MILLERITE(2),	Antwerp, Jefferson. * * * * Cabinet.

GEOLOGY OF NEW-YORK,

BY

WILLIAM W. MATHER, EBENEZER EMMONS, LARDNER
VANUXEM, AND JAMES HALL,

GEOLOGY.

[All the specimens enumerated under this division of the Catalogue are in the Cabinet, unless specially cited as *missing*.]

I. CRYSTALLINE AND METAMORPHIC ROCKS OF THE ANTE-SILURIAN PERIOD.

FIRST TABLE CASE.

Names of Specimens.	Localities.
1 GRAPHIC GRANITE.	Staten island.
2 GRANITE.	Westchester county.
3 GRAPHIC GRANITE.	
4 GRANITE.	Stony point, Rockland county.
5 GRANITE (gneissoid).	Dean's bridge, Westchester co.
6 GRANITE (fine-grained).	
7 GRANITE (gneissoid).	Near Clove mine, Monroe, Orange co.
8 GRANITE.	Buttermilk falls, Cornwall, Orange.
9 GRANITE (sienitic).	
10 GRANITE.	East of Boonville, Lewis.
11 GRANITE (red).	Near Boonville, Lewis.
12 GRANITE (felspathic and decomposing).	
13 KAOLIN (from decomposing granite).	
14 GRANITE (red).	Head of feeder, Boonville, Lewis.
15 GRANITE (sienitic).	Highlands.
16 GNEISS.	Near Peekskill, Westchester.

Names.	Localities.
17 & 18 GNEISS.	Near Coldspring, Putnam.
19 GNEISS.	Above Tarrytown, Westchester.
20 GNEISS (with calcareous matter).	Littlefalls.
21 & 22 GNEISS.	Littlefalls.
23 GNEISS.	Two miles south of Cranberry creek.
24 GNEISS.	South of Westpoint.
25 GNEISS.	Northeast of Fourth lake, Hamilton.
26 & 27 GNEISS.	
28 GNEISS.	Trenton village, near Remsen.
29 GNEISS.	Between Kingsborough and Clarke's.
30 GNEISS.	Salisbury, Herkimer.
31 GNEISS (epidotic).	Yorktown, Westchester.
32 HORNBLLENDE.	Near New-Rochelle, Westchester.
33 - 36 MAGNETIC OXIDE OF IRON.	Monroe, Orange.
37 & 38 HYPERSTHENE ROCK.	Morial, Essex.
39 RED GRANITE.	Lewisburgh, Lewis.
40 BLUE CRYSTALLINE LIMESTONE.	Naturalbridge, Jefferson.
41 CRYSTALLINE LIMESTONE.	Northeast of Fourth lake, Hamilton.
42 MICACEOUS LIMESTONE.	Northeast of Lewisburgh, Lewis.
43 CRYSTALLINE LIMESTONE (with quartz and augite).	N.E. Fourth lake.
44 CRYSTALLINE LIMESTONE.	Northeast of Lewisburgh, Lewis.
45 FUSED QUARTZ.	Rossie, St.Lawrence.
46 QUARTZ and MICA.	Northeast of Fourth lake, Hamilton.
47 COCCOLITE.	Northeast of Fourth lake, Hamilton.
48 PURPLE SCAPOLITE.	Antwerp, Jefferson.
49 IRON ORE.	Alexandria, Jefferson.
50 SPECULAR IRON ORE.	Edwards, St.Lawrence.
51 SPECULAR OXIDE OF IRON (with quartz crystals).	Fowler, St.Lawrence.
52 SPECULAR OXIDE OF IRON (with quartz and limestone).	Edwards.
53 PEROXIDE OF IRON (with cacoxene).	Sterling mine, Jefferson.
54 SULPHATE OF STRONTIAN.	
55 RENSSSLAERITE.	Edwards, St.Lawrence.

ROCKS.

5

Names.	Localities.
56 & 57 TALC.	Fowler, St. Lawrence.
58 & 59 TALC.	Naturalbridge, Jefferson.
60 RENSSELAERITE (with satin spar).	Fowler, St. Lawrence.
61 WHITE TALC.	Fowler, St. Lawrence.
62 CACOXENE (on gneissoid rock).	Naturalbridge, Jefferson.
63 SCAPOLITE ROCK.	In northeast part of Lewis county.
64 CRYSTALLINE LIMESTONE (with brucite).	Schroon, Essex.

FIRST WALL CASE.

65 - 67 LABRADORITE.	Adirondack, Essex.
68 LABRADORITE (sienitic).	Adirondack, Essex.
69 HYPERSTHENE ROCK (sienitic).	Moriah, Essex.
70 LABRADORITE.	Mayfield corners, Montgomery.
71 HYPERSTHENE ROCK.	Port Kent, Essex.
72 PORPHYRITIC TALCOSE SLATE.	Westport, Essex.
73 GRAPHIC GRANITE.	Warwick, Orange.
74 GRANITE IN LIMESTONE.	Warwick, Orange.
75 GRANITE.	Long mine, Monroe, Orange.
76 GRANITIC ROCK.	Mountain mine, Monroe, Orange.
77 GRANITE.	Royahook, Westchester.
78 GRANITE.	Saw-works, Monroe, Orange.
79 GRANITE.	Patterson mine, Monroe, Orange.
80 GRANITE (sienite).	Near Fort Montgomery, Orange.
81 GRANITE.	Tenth avenue, New-York city.
82 FELSPATHIC GRANITE.	Tarrytown, Westchester.
83 GNEISS (with magnetic oxide of iron).	Shenadone, Dutchess.
84 GNEISS (junction of hypersthene rock).	
85 GNEISS (with garnet).	O'Niel mine, Orange.
86 GNEISS.	Fort Montgomery, Orange.
87 GNEISS.	Coldspring, Putnam.
88 GNEISS.	Carmel, Putnam.
89 & 90 GNEISS.	Near Singsing, Westchester.
91 - 93 GNEISS.	Near Westpoint, Orange.

Names.	Localities.
94 GNEISS.	Near Dobbs's ferry, Westchester.
95 GNEISS.	Royahook, Westchester.
96 GNEISS.	Mountpleasant, Westchester.
97 GNEISS.	Near Westpoint, Orange.
98 GNEISS.	Stormville, Dutchess.
99 GNEISS.	Somerstown plains, Westchester.
100 - 102 HYPERSTHENE ROCK	passing into gneiss. Moriah, Essex.
103 GNEISS.	Shenadone, Dutchess.
104 & 105 GNEISS.	Herkimer county.
106 MICA SLATE.	Whiteplains, Westchester.
107 MICA SLATE (with staurotide).	Hurd's corners, Dutchess.
108 MICA.	Clove mine, Monroe, Orange.
109 SIENITE (primitive greenstone).	Cortland, Westchester.
110 SIENITE.	Moriah, Essex.
111 HORNBLENDE.	Warwick, Orange.
112 HORNBLENDE.	Westport, Essex.
113 KAOLIN.	
114 KAOLIN (or porcelain clay).	Johnsburgh, Warren.
115 FELSPAR.	Westport, Essex.
116 SAHLITE (in hypersthene).	Westport, Essex.
117 SCAPOLITE ROCK.	Ausable, Essex.
118 MAGNETIC OXIDE OF IRON.	Sanford ore bed, Essex.
119 & 120 MAGNETIC OXIDE OF IRON.	Salisbury, Herkimer.
121 MAGNETIC OXIDE (in limestone).	Near Coldspring, Putnam.
122 - 125 MAGNETIC OXIDE OF IRON.	Monroe, Orange.
126 MAGNETIC OXIDE (with arragonite).	O'Niel mine, Monroe, Orange.
127 BLACK OXIDE OF MANGANESE.	Crownpoint, Essex.
128 COPPER PYRITES (in limestone).	Paradox lake, Essex.
129 ROSE QUARTZ.	Moriah, Essex.
130 WHITE AUGITE.	Near Phillipstown, Putnam.
131 EPIDOTE.	Westport, Essex.
132 EPIDOTE (boulder).	In place in Vermont.
133 OBSIDIAN.	Johnsburgh, Warren.

Names.	Localities.
134 COLOPHONITE.	Johnsburgh, Warren.
135 CRYSTALLINE LIMESTONE.	Port Henry, Essex.
136 CRYSTALLINE LIMESTONE (with an unknown mineral).	Port Henry.
137 CRYSTALLINE LIMESTONE (with graphite).	Port Henry, Essex.
138 & 139 CRYSTALLINE LIMESTONE (ferruginous).	Johnsburgh, Warren.
140 CRYSTALLINE LIMESTONE (with mica and brucite).	Schroon, Essex.
141 CRYSTALLINE LIMESTONE (with graphite).	
142 CRYSTALLINE LIMESTONE (with quartz and pyroxene).	Moriah, Essex.
143 CRYSTALLINE LIMESTONE (with serpentine).	Bolton, Warren.
144 - 147 CRYSTALLINE LIMESTONE (with serpentine).	Moriah, Essex.
148 CRYSTALLINE LIMESTONE (with serpentine).	Port Henry, Essex.
149 SERPENTINE.	Warrensburgh, Warren.
150 SERPENTINE and LIMESTONE.	58th-street, New-York city.
151 LIMESTONE with BRUCITE.	Near Putnam courthouse, Putnam.
152 CRYSTALLINE LIMESTONE (with mica).	
153 CRYSTALLINE LIMESTONE.	Near Putnam courthouse, Putnam.
154 - 156 CRYSTALLINE LIMESTONE (flesh-colored).	Monroe, Orange.
157 CRYSTALLINE LIMESTONE (white).	
158 WHITE LIMESTONE.	Edenville, Orange.
159 WHITE LIMESTONE (with plumbago).	Monroe, Orange.
160 PYROXENE or AUGITE.	Two ponds, Monroe, Orange.
161 LIMESTONE (with augite and crystallized iron ore).	Monroe, Orange.
162 LIMESTONE (with mica).	Monroe, Orange.
163 LIMESTONE (with pargasite and meionite).	Monroe, Orange.
164 LIMESTONE (with pargasite).	Island pond, Monroe, Orange.
165 LIMESTONE (with serpentine or boltonite).	Monroe, Orange.
166 CRYSTALLINE LIMESTONE.	Near Westfarms, Westchester.
167 GRANULAR LIMESTONE.	Near Somerstown plains, Westchester.
168 CRYSTALLINE LIMESTONE.	North-Salem, Westchester.
169 LIMESTONE (with tremolite).	Near North-Salem, Westchester.
170 SERPENTINE.	Forshee's mine, Monroe, Orange.
171 SERPENTINE (black).	
172 SERPENTINE (with amianthus).	O'Neil mine, Monroe, Orange.

Names.	Localities.
173 SERPENTINE (striated surface).	
174 PRIMITIVE GREENSTONE.	Near Peekskill, Westchester.
175 & 176 DENDRITIC PORPHYRY.	Essex, Essex.
177 TRAP and LIMESTONE.	Near Saw-works, Monroe.
178 TRAP (striated surface).	Near Ross's bridge, Essex.
179 VEINSTONE.	Near Singing, Westchester.
180 TRAP.	
181 TRAP.	Near Fort-Ann, Washington.
182 TRAP	Near Saw-works, Monroe, Orange.
183 TRAP.	Near Greenwood furnace, Monroe, Orange.
184 TRAP (vesicular).	Parish ore bed, St.Lawrence.
185 AUGITE.	Sparta, Westchester.

SECOND WALL CASE.

186 CALCAREOUS SPAR.	Rossie lead mine, St.Lawrence.
187 CALCAREOUS SPAR (purple).	Oxbow, Jefferson.
188 CALCAREOUS SPAR (with chalcedony).	Fowler, St.Lawrence.
189 CRYSTALLINE LIMESTONE.	
190 QUARTZ CRYSTALS (in limestone).	Laidlaw lake, Oxbow, Jefferson.
191 GRANITE (graphic).	Gouverneur, St.Lawrence.
192 FELSPAR and TRAP.	Alexandria, Jefferson,
193 GNEISS.	Lewisburgh furnace, Lewis.
194 GNEISS.	Rossie lead mine, St.Lawrence.
195 MICA SLATE.	Northeast of Fourth lake. Hamilton.
196 & 197 CRYSTALLINE LIMESTONE.	Lewisburgh, Lewis,
198 CRYSTALLINE LIMESTONE.	Gouverneur, St.Lawrence.
199 CRYSTALLINE LIMESTONE (with magnesian nodules).	Gouverneur.
200 PRIMARY LIMESTONE (brecciated).	Gouverneur, St.Lawrence.
201 CRYSTALLINE LIMESTONE (with hornblende).	Gouverneur.
202 CRYSTALLINE LIMESTONE (with crystals of mica).	Antwerp, Jefferson.
203 LIMESTONE (with quartz).	Fourth lake, Jefferson.
204 LIMESTONE (with quartz and felspar).	Fourth lake, Jefferson.
205 SERPENTINE (with quartz).	Sterling's mine, Antwerp, Jefferson.

Names.	Localities.
206 SERPENTINE.	Sterling mine, Antwerp, Jefferson.
207 RENSSELAERITE.	Naturalbridge, Jefferson.
208 RENSSELAERITE.	Edwards, St.Lawrence.
209 & 210 SILVERY TALC.	Fowler, St.Lawrence.
211 SCAPOLITE.	Gouverneur, St.Lawrence.
212 BROWN MICA.	Edwards, St.Lawrence.
213 BROWN MICA (in crystals).	Pope's mills, St.Lawrence.
214 FLUOR SPAR.	Muscalunge lake, Jefferson.
215 FUSED QUARTZ.	Hammond, St.Lawrence.
216 QUARTZ in chlorite.	Brant lake, Essex?
217 IRON ORE (scoriaceous).	Lewisburgh, Lewis.
218 IRON ORE (compact).	Lewisburgh, Lewis.
219 IRON ORE (specular).	Lewisburgh, Lewis.
220 IRON ORE.	Reamer's ore bed, Lewisburgh, Lewis.
221 LIMESTONE with iron ore.	Lewisburgh ore bed, Lewis.
222 LIMESTONE (ferruginous).	Lewisburgh, Lewis.
223 CRYSTALLINE LIMESTONE.	Lewisburgh, Lewis.
224 FERRUGINOUS LIMESTONE.	Near Lewisburgh, Lewis.
225 IMPURE LIMESTONE with iron ore.	Lewisburgh, Lewis.
226 & 227 IRON PYRITES.	Indian lake, Lewis.
228 FERRUGINOUS LIMESTONE.	Lewisburgh, Lewis.
229 SPECULAR IRON ORE.	Harrisville, Jefferson.
230 & 231 SPECULAR IRON ORE (with quartz).	Edwards, St.Lawrence.
232 SPECULAR IRON ORE (with quartz crystals).	Edwards, St. Lawrence.
233 SPECULAR IRON ORE.	Edwards, St.Lawrence.
234 SPECULAR IRON ORE (with cacoxene).	Sterling mine, St.Lawrence.
235 SPECULAR IRON ORE.	Harrisville, Jefferson.
236 GNEISS (sienitic).	Near Harrisville, Jefferson.
237 SILICEOUS LIMESTONE.	Harrisville, Jefferson.
238 IRON PYRITES (in trap).	Naturalbridge, Jefferson.
239 CHLORITE (the silver ore).	Naturalbridge, Jefferson.
240 SERPENTINE.	Naturalbridge, Jefferson.
241 SERPENTINE (brecciated).	Antwerp, Jefferson.

II. METAMORPHIC ROCKS OF THE MOHAWK GROUP.

SECOND TABLE CASE.

Names.	Localities.
1 QUARTZ ROCK.	Stanford, Dutchess.
2 GRANULAR QUARTZ.	Amenia, Dutchess.
3 COMPACT QUARTZ ROCK.	Poughquaick, Dutchess.
4 GRANULAR QUARTZ.	Near Peekskill, Westchester.
5 FERRUGINOUS QUARTZ.	Williamstown, Massachusetts.
6 & 7 GRANULAR LIMESTONE.	Dover plains, Westchester.
8 GRANULAR LIMESTONE.	Williamstown, Massachusetts.
9 & 10 GRANULAR LIMESTONE.	Hillsdale, Columbia.
11 - 13 GRANULAR LIMESTONE.	Amenia, Dutchess.
14 GRANULAR LIMESTONE (clouded).	Northeast, Dutchess.
15 GRANULAR LIMESTONE (grey).	Cortland, Westchester.
16 GRANULAR LIMESTONE (variegated).	Peekskill, Westchester.
17 GRANULAR LIMESTONE (blue).	Peekskill, Westchester.
18 GRANULAR LIMESTONE (striped).	Near Peekskill, Westchester.
19 GRANULAR LIMESTONE (compact).	Stormville, Dutchess.
20 TALCY LIMESTONE.	Stormville, Dutchess.
21 TALCO-SLATY LIMESTONE.	Stormville, Dutchess.
22 & 23 TALCY LIMESTONE.	Unionvale, Dutchess.
24 SLATY LIMESTONE.	Ancram lead mine, Columbia.
25 SPARRY LIMESTONE.	Unionvale, Dutchess.
26 SPARRY LIMESTONE.	Bloomington, Orange.
27 SPARRY LIMESTONE.	Warwick, Orange.
28 - 30 SPARRY LIMESTONE.	Hoosick, Rensselaer.
31 SLATY-TALCY LIMESTONE.	Arthursburgh, Dutchess.
32 TALCO-SLATY LIMESTONE.	Lebanon springs, Columbia.

Names.	Localities.
33 SLATY LIMESTONE.	Williamstown, Massachusetts.
34 SLATY LIMESTONE.	Cortland, Westchester.
35 SLATY LIMESTONE.	Ashford, Massachusetts.
36 SLATY LIMESTONE.	Stanford, Dutchess.
37 MICA SLATE (with garnets).	Dover, Dutchess.
38 MICA and TALCY SLATE.	Amenia, Dutchess.
39 SLATE.	Montrose, Dutchess.
40 TALCOSE SLATE.	Near Peekskill, Westchester.
41 SLATE (black).	Clinton, Dutchess.
42 SLATE (green).	Clinton, Dutchess.
43 MICA SLATE (the alum rocks).	Near Ameniaville, Dutchess.
44 & 45 SLATE.	Near Canaan centre, Columbia.
46 SLATE (green).	Near Washington-hollow, Dutchess.
47 TALCOSE SLATE.	Canaan-gap, Columbia.
48 TALCOSE SLATE.	Hillsdale, Columbia.
49 SLATE.	Hillsdale, Columbia.
50 MICACEOUS SLATE.	Taghkanic falls, Rensselaer.
51 TALCO-MICACEOUS SLATE.	Richmond, Vermont.
52 CHLORITE SLATE.	Canaan, Columbia.
53 PURPLE SLATE.	Petersburgh, Rensselaer.
54 - 57 SLATE.	Hoosick, Rensselaer.
58 TALCOSE SLATE (greenish).	Saddle mountain, Massachusetts.
59 TALCOSE SLATE.	Taconic mountain, Rensselaer.
60 TALCO-FIBROUS SLATE.	Taconic mountain, Rensselaer.
61 MICA SLATE.	Taconic mountain, Rensselaer.
62 SLATY SANDSTONE.	Williamstown, Massachusetts.
63 CRYSTALLINE QUARTZ (veins in slate).	Ancram, Columbia.
64 CRYSTALLINE QUARTZ (with copper ore).	Washington, Dutchess.
65 QUARTZ IN CHLORITE (with oxide of manganese).	Taconic mountain.
66 CARBONATE OF IRON.	Stockbridge, Massachusetts.
67 LIMESTONE (with iron ore).	Stockbridge, Massachusetts.
68 TALC and MICA cemented by oxide of iron.	Stockbridge, Mass.
69 HEMATITIC IRON ORE (stalactitic).	Stockbridge, Massachusetts.

SECOND WALL CASE.

Names.	Localities.
70 LIMESTONE (with tale).	Williamstown, Massachusetts.
71 WHITE LIMESTONE.	New-Ashford, Massachusetts.
72 WHITE LIMESTONE.	Near East-Dover, Dutchess.
73 CRYSTALLINE LIMESTONE.	Singsing, Westchester.
74 CRYSTALLINE LIMESTONE (dolomitic).	Singsing, Westchester.
75 DOLOMITIC LIMESTONE (grey).	Singsing, Westchester.
76 GRANULAR LIMESTONE (blue).	Singsing, Westchester.
77 & 78 CRYSTALLINE LIMESTONE.	Whiteplains, Westchester.
79 COMPACT LIMESTONE.	Beekmanville, Dutchess.
80 & 81 CRYSTALLINE LIMESTONE.	Bedford, Westchester.
82 & 83 CRYSTALLINE LIMESTONE (white).	Eastchester, Westchester.
84 CRYSTALLINE LIMESTONE (bluish).	Westfarms, Westchester.
85 & 86 CRYSTALLINE LIMESTONE (white).	Kingsbridge, New-York.
87 & 88 GRANULAR LIMESTONE (white).	Verplanck, Westchester.
89 GRANULAR LIMESTONE (grey).	Dover plains, Dutchess.
90 SLATY and CLOUDED LIMESTONE.	Amity, Orange.
91 GREY LAMINATED LIMESTONE.	Adams, Massachusetts.
92 WHITE LIMESTONE (with tale).	New-Ashford, Massachusetts.
93 WHITE LIMESTONE (sawed slab).	New-Ashford, Massachusetts.
94 LIMESTONE (with tale).	New-Ashford, Massachusetts.
95 BUFF-COLORED LIMESTONE.	Williamstown, Massachusetts.
96 MILKY QUARTZ.	Williamstown, Massachusetts.
97 HORNSTONE in LIMESTONE.	Williamstown, Massachusetts.
98 - 100 LIMESTONE with SERPENTINE.	Near Putnam courthouse.
101 TALCO-SERPENTINE ROCK.	Near Peekskill, Westchester.
102 SERPENTINE ROCK.	Phillipstown, Putnam.
103 FIBROUS SERPENTINE.	Troy, Vermont.
104 MICA SLATE.	Near Verplanck, Westchester.
105 BLACK SLATE.	Bennington, Vermont.
106 TALCO-SLATE (greenish).	Taconic mountain.
107 SLATE with QUARTZ VEINS.	Williamstown, Massachusetts.

ROCKS.

13

Names.	Localities.
108 SLATE.	Williamstown, Massachusetts.
109 TALCO-SLATE (greenish).	Richmond, Vermont.
110 SLATE.	Taconic mountain.
111 GREEN SLATE.	
112 HEMATITIC IRON ORE.	Stockbridge, Massachusetts.
113 RED CHALK.	Cortland, Westchester.
114 SLATY QUARTZ.	Williamstown, Massachusetts.

III. NEW-YORK SYSTEM,

1, POTSDAM SANDSTONE,

THIRD TABLE CASE.

Names.	Localities.
1 POTSDAM SANDSTONE (red).	Dekalb, St. Lawrence.
2 do	(grey). Moira, Clinton.
3 do	(conglomerate). Near Plattsburgh, Clinton.
4 do	(red). West-Chazy, Clinton.
5 do	(with ripplemarks). Port Kent, Clinton.
6 do	(red). West-Chazy, Clinton.
7 do	(fragmentary, red). Dekalb, St. Lawrence.
8 do	Keeseville, Clinton.
9 do	(grey). Klip hill, Johnstown, Montgomery,
10 do	Lewisburgh furnace, Lewis.
11 do	(conglomerate). Near Lewisburgh furnace.
12 do	(conglomerate, grey).
13 do	(red). Military road west of Plattsburgh.
14 do	(metamorphic).
15 do	(grey).
16 do	(ripplemarks).
17 do	Near Lewisburgh furnace, Lewis.
18 do	(conglomerate). Near Lewisburgh furnace.
19 do	Lewisburgh ore bed.
20 do	Lafarge's, near Harrisville.
21 & 22 do	West of Johnstown, Montgomery.
23 do	Klip hill, Johnstown, Montgomery.
24 do	Near Lewisburgh furnace, Lewis.
25 do	(with lingulæ). Birmingham, Clinton.

Names.	Localities.
26 POTSDAM SANDSTONE.	Chazy, Clinton.
27 do	Keeseville, Essex.
28 do	(with <i>lingulæ</i>). French creek, St. Lawrence.
29 do	(with <i>Lingula antiqua</i>).
30 do	(with <i>lingulæ</i> : spotted with manganese).
31 & 32 do	Near Lewisburgh furnace, Lewis.
33 do	Port Kent, Essex.
34 do	(containing concretions).
35 do	(concretion).
36 do	Potsdam.
37 do	Saranac.
38 do	(colored with vegetable matter). Keeseville, Essex.
39 & 40 do	(containing concretionary carbonate of lime).
41 do	(red).
42 do	(brecciated).
43 do	(fucoidal).
44 do	(brecciated). Chazy, Clinton.
45 do	(weathered surface). French creek, Jefferson.
46 & 47 do	(metamorphic).

THIRD WALL CASE.

48 POTSDAM SANDSTONE (lowest layer brecciated).	Dekalb, St. Lawrence.
49 do	(massive). Potsdam, St. Lawrence.
50 do	(ripplemarks). Keeseville, Essex.
51 do	(with casts of mud furrows).
52 do	Washington county.
53 do	(lowest layer conglomeritic). Lewisburgh, Lewis.
54 - 56 do	Lewisburgh, Lewis.
57 do	Dekalb, St. Lawrence.
58 do	Washington county.
59 do	Chazy, Clinton.
60 do	Keeseville, Essex.
61 & 62 do	Galway, Saratoga.
63 do	(with fragments of impure limestone). Chazy.
64 do	(columnar from artificial heat). Keeseville, Essex.

2. CALCIFEROUS SANDSTONE.

FOURTH TABLE CASE.

Names.	Localities.
1 - 3	CALCIFEROUS SANDSTONE (conglomeritic). Spruce creek, Salisbury, Herkimer.
4 - 6	do Spruce creek, Herkimer.
7 & 8	do (porphyritic). Lead mine, Salisbury, Herkimer.
9 & 10	do (erratic). East creek, Herkimer.
11	do (brown). East of Amsterdam, Montgomery.
12 & 13	do East of Canajoharie, Montgomery.
14 & 15	do (with calcareous spar). East of Canajoharie.
16	do (with calcareous spar). Railroad, Tripe's hill.
17 & 18	do Canal west of Littlefalls, Herkimer.
19	do (with globules of anthracite). Littlefalls.
20	do (with anthracite and calcareous spar). Creek at Spraker's basin, Montgomery.
21	do (anthracite from). Middleville, Herkimer.
22	do West of Littlefalls, Herkimer.
23	do (calcareous, with fossils). Quarry at Canajoharie.
24	do (calcareous, greenish). Canajoharie.
25	do Near Amsterdam, Montgomery.
26	do (with quartz crystals, brown).
27	do (with quartz crystals). Middleville, Herkimer.
28	do (crystals of quartz from). Middleville, Herkimer.
29	do (with calcareous spar). Littlefalls, Herkimer.
30	do (with drops of anthracite). Littlefalls, Herkimer.
31	do (calcareous, with <i>Ophileta</i>). Canajoharie.
32	do (calcareous, with fossils).
33	do (with <i>Lingula</i>). Canajoharie, Montgomery.
34	do (with <i>Orthoceras primigenium</i>). Opposite Fortplain, Montgomery.
35	do (with <i>Fucoides</i>). Canajoharie, Montgomery.
36	do (upper part of mass). Canajoharie, Montgomery.

Names.	Localities.
37 CALCIFEROUS SANDSTONE	(shaly, with <i>Palæophycus tubularis</i>). Opposite Fortplain, Montgomery.
38 do	(brecciated). East-Canada creek, Montgomery.
39 do	(casts of mud cracks). Creek S. of Canajoharie.
40 - 44 do	(from the altered rocks on the Hudson river.)
45 do	(calcareous).

I do not regard it as proved that the last six specimens belong to the Calcareous sandstone proper. J. H.

THIRD WALL CASE.

46 CALCIFEROUS SANDSTONE	(a red siliceous limestone?). Bellvale, Orange.
47 do	(with drusy quartz). Littlefalls, Herkimer.
48 do	Littlefalls, Herkimer.
49 do	(with anthracite). Littlefalls, Herkimer.
50 do	Glensfalls, Warren.
51 do	(with anthracite).
52 do	(with trap). Canajoharie, Montgomery.
53 do	Canajoharie, Montgomery.
54 do	(upper part of the rock). Canajoharie.
55 do	Littlefalls, Herkimer.
56 & 57 do	Canajoharie, Montgomery.
58 do	Newport, Herkimer.
59 do	(with anthracite). Littlefalls, Herkimer.
60 do	(with calcareous spar).
61 do	(trap dyke in).
62 do	(with anthracite). North of Littlefalls, Herkimer.
63 do	(trap in). Wellsborough falls.
64 do	(greenstone trap in).
65 do	
66 do	(with pearl spar).
67 do	(with <i>Orthoceratite</i>). Fortplain, ²³ Montgomery.
68 do	(cherty) Galway, Saratoga.
69 & 70 do	Galway, Saratoga.

Names.	Localities.
71 & 72	CALCIFEROUS SANDSTONE. Canajoharie, Montgomery.
73 & 74	do Chazy, Clinton.
75	do (with sulphate of iron).
76	do (with lenticular carbonate of lime). Middleville.
77	do (with crystals of quartz and lime).
78	do (hexahedral prism of carbonate of lime from).
79	do (with pearl spar and lenticular carbonate of lime).
80 & 81	do (with pearl spar). Littlefalls, Herkimer.
82	do (coarse oolite from). Littlefalls, Herkimer.
83	do Washington, Dutchess.
84	do (<i>Ophileta</i>). Near East-Canada creek.
85	do Galway, Saratoga.
86 & 87	do Fortplain, Montgomery.
88	do (chert from). Herkimer, Herkimer.
89	do (drab-colored layer, with spar). Depeauville.
90	do Warwick, Orange.
91	do Amity, Orange.
92	do Littlefalls, Herkimer.
93	do Ogdensburgh, St. Lawrence.
94	do Galway, Saratoga.
95	do Glensfalls, Warren.
96	do (oolitic). Galway, Saratoga.
97	do (oolitic). Chazy, Clinton.
98	do Glensfalls, Warren.
99 & 100	do Galway, Saratoga.
101	do (oolitic). Whitehall, Washington.
102	do (encrinal mass in). Chazy, Clinton.
103	do (encrinal layer in). Chazy, Clinton.
104	do Fortplain, Montgomery.
105	do (with <i>Orthis</i>). Chazy, Clinton.

3. BLACK-RIVER LIMESTONE GROUP,

INCLUDING THE CHAZY, BIRDSEYE AND BLACK-RIVER LIMESTONES.

FIFTH TABLE CASE.

Names.	Localities.
1 & 2 CHAZY LIMESTONE (lower layers).	Chazy, Clinton.
3 do	(encrinal layers). Chazy, Clinton.
4 do	(encrinal mass). Chazy, Clinton.
5 do	(encrinal layer with discs and plates). Chazy.
6 do	(with fossil shells). Chazy.
7 do	(oolitic). Chazy.
8 do	(oolitic). Big island, Orange.
9 do	(compact). Mount Lookout, Orange.
10 POLISHED SURFACE of the Encrinal layer.	Chazy, Clinton.
11 & 12 CHAZY LIMESTONE (with <i>Maclurea magna</i>).	Chazy.
13 & 14 do	(with fragments of fossils). Chazy.
15 do	(two specimens, with fragments of shells). Chazy.
16 do	(two, with <i>Maclurea</i> and <i>Raphistoma</i>). Chazy.
17 do	(with <i>Atnypa</i> and crinoidal columns). Chazy.
18 BIRDSEYE LIMESTONE (with <i>Orthoceras</i> and <i>Phytopsis</i>).	Great bend of the Black river.
19 do	(with fossils). Creek near Spraker's basin.
20 do	(with fragments of trilobites). Watertown, Jefferson.
21 do	(with obscure fossils). Sugar river near Boonville.
22 do	(with <i>Phytopsis cellulosum</i>). Near Watertown.
23 - 26 do	(with <i>Phytopsis tubulosum</i>). Fortplain.
27 do	(with <i>P. tubulosum</i>). Near Boonville, Lewis.
28 - 30 do	Fortplain, Montgomery.
31 do	(polished surface, exhibiting transverse sections of <i>P. tubulosum</i>). Fortplain.
32 - 34 do	Near Boonville, Lewis.
35 do	(with <i>Phytopsis</i>). Near Boonville, Lewis.
36 do	(with <i>Phytopsis</i>). Near Amsterdam, Fulton.

Names.	Localities.
37 BASE of <i>Phytopsis</i>).	Fortplain, Montgomery.
38 BIRDSEYE LIMESTONE.	
39 BLACK-RIVER LIMESTONE (with <i>Columnaria alveolata</i>).	Watertown.
40 do (with <i>C. alveolata</i>).	Amsterdam.
41 do (concretionary).	North of Amsterdam, Fulton.
42 do (concretionary).	Goshen, Orange.
43 do (with <i>Ormoceras tenuifilum</i>).	Watertown.
44 - 46 do (with <i>O. tenuifilum</i>).	Near Littlefalls, Herkimer.

FOURTH WALL CASE.

46 - 49 CHAZY LIMESTONE (with <i>Atrypa</i> , etc.).	Chazy, Clinton.
50 do (with <i>Scolithus</i>).	Clinton.
51 do (with <i>Maclurea</i>).	Chazy.
52 do (with coral and <i>Maclurea</i>).	Chazy.
53 do (with <i>Maclurea</i>).	Chazy.
54 do (remains of <i>Atrypa</i> , etc.).	Chazy.
55 & 56 do (marble).	Isle Lamotte.
57 do (with <i>Orthoceratite</i>).	Chazy.
58 do (with remains of fossils).	Chazy.
59 & 60 do (with <i>Orthoceras</i>).	Chazy.
61 & 62 do (with <i>Maclurea</i>).	Chazy.
63 do (with remains of <i>Atrypa</i> , etc.).	Chazy.
64 do (with traces of <i>Maclurea</i>).	Chazy.
65 BIRDSEYE LIMESTONE (weathered surface).	Mohawk valley.
66 do (with <i>Maclurea</i>).	Amsterdam, Fulton.
67 do (remains of fossils).	Near Watertown, Jefferson.
68 do (with <i>Phytopsis</i>).	Chazy? Clinton.
69 do (with <i>Leptæna sericea</i>).	Near Middleville.
70 do	Chazy, Clinton.
71 do (with <i>Streptelasma</i>).	Dunkirk, Lewis.
72 do (with <i>Phytopsis</i> , etc.).	Watertown, Jefferson.
73 do (with coral).	Lafargeville, Jefferson.

Names.	Localities.
74 HORNSTONE (position uncertain).	Goshen, Orange.
75 BIRDSEYE LIMESTONE.	Chazy, Clinton.
76 do	(with <i>Phytopsis</i>). Watertown, Jefferson.
77 do	(with <i>Phytopsis</i>). Fortplain, Montgomery.
78 do	(with <i>Phytopsis tubulosum</i>). Watertown.
79 do	(with <i>Phytopsis celluloseum</i>). Fortplain.
80 do	Fortplain.
81 LIMESTONE (with scratches).	Crownpoint, Essex.
82 LIMESTONE (with drift scratches).	Pillarpoint, Jefferson.
83 - 85 LIMESTONE (with drift scratches).	Amsterdam, Fulton.

The last four specimens apparently belong to the Trenton and Black-river limestones.

86 & 87 BLACK-RIVER LIMESTONE (with <i>Columnaria</i>).	Chazy, Clinton.
88 do	(with <i>Columnaria</i>). Dry Moose river, Lewis.
89 do	(with <i>Columnaria</i>). Watertown, Jefferson.
90 - 93 do	(with <i>Orthoceras</i>). Watertown.
94 do	(iridescent).
95 do	(with concretions). St. Johnsville, Montgomery.
96 do	Tripeshill, Montgomery.
97 do	(with <i>Orthoceras</i>). Watertown, Jefferson.
98 do	(with <i>Columnaria</i>). Watertown.
99 do	St. Johnsville, Montgomery.
100 do	(concretionary). St. Johnsville, Montgomery.
101 do	(concretionary).
102 do	(concretionary). Littlefalls, Herkimer.
103 do	(concretionary). Amsterdam, Fulton.
104 do	(concretionary). Littlefalls, Herkimer.
105 do	(striated from movement of strata).
106 do	(with <i>Columnaria</i>).

4. TRENTON LIMESTONE.

SIXTH TABLE CASE.

Names.	Localities.
1 - 3 TRENTON LIMESTONE (with <i>Chatetes</i>).	Newport, Herkimer.
4 Large hemispherical form of <i>Chatetes lycoperdon</i> .	Newport.
5 The same (weathered specimen).	Middleville, Herkimer.
6 TRENTON LIMESTONE (with <i>Chatetes</i>).	Middleville.
7 & 8 <i>Chatetes</i> (hemispherical form).	
9 TRENTON LIMESTONE (with branching forms of <i>Chatetes lycoperdon</i>).	Sugar river, Boonville, Lewis.
10 do	(with branching or ramose forms of <i>C. lycoperdon</i>). Herkimer, Herkimer.
11 do	(with similar forms). Lowville, Lewis.
12 do	(with <i>Streptelasma corniculum</i>).
13 do	(encrinal). Creek at Spraker's basin.
14 do	(encrinal). Remsen, Oneida.
15 do	(with fragments of trilobites).
16 do	(with fragments of <i>Trinucleus</i>). Near Middleville.
17 do	(with head of <i>Calymene senaria</i>). Middleville.
18 do	(with <i>Calymene senaria</i>). Middleville.
19 do	(with fragments of <i>Calymene</i>).
20 & 21 do	(with caudal shield of <i>Isotelus gigas</i>). Middleville.
22 do	(with fragments of <i>Isotelus</i> and <i>Ceraurus</i>). One mile east of Florida, Fulton.
23 do	(with <i>Isotelus gigas</i>). Quarry north of Littlefalls.
24 & 25 do	(caudal shield of <i>I. gigas</i>). Middleville.
26 do	(with middle lobe of the buckler of <i>Isotelus gigas</i>). Middleville.
27 do	(with <i>Avicula trentonensis</i>). Middleville.
28 do	(with fossils). Middleville.
29 do	(with <i>Leptæna sericea</i>). Fortplain, Montgomery.
30 do	(with <i>Leptæna sericea</i>). Middleville, Herkimer.

Names.	Localities.
31 - 33	TRENTON LIMESTONE (with <i>Leptaena</i> , etc.). Middleville.
34	do (with <i>L. sericea</i>). Fortplain, Montgomery.
35 & 36	do (with <i>L. alternata</i>). Near Middleville, Herkimer.
37 & 38	do (with <i>Orthis pectinella</i>). Middleville.
39	do (with <i>O. pectinella</i> and fragments). Middleville.
40	do (with <i>O. testudinaria</i>). North of Littlefalls.
41	do (with <i>O. testudinaria</i>). Watertown, Jefferson.
42	do (with <i>Delthyris lynx</i>).
43	do (with <i>Atrypa extans</i> and impressions of <i>Orthis</i>). Near Boonville.
44	do (with <i>Atrypa extans</i>). Watertown, Jefferson.
45	do (with <i>Pleurotomaria</i> , etc.). Watertown.
46	do (with <i>Pleurotomaria</i> and <i>Subulites</i>). Watertown.
47	do (with <i>Endoceras proteiforme</i>). Middleville.
48	do (with fragment of an <i>Orthoceras</i>). Watertown.
49	do (with fragment of <i>Orthoceras</i>). Middleville.
50	do (with fragment of <i>Orthoceras</i>). Fortplain.
51 - 53	do (with fragments of <i>Orthoceras</i>). Middleville.
54	do (with fragments of <i>Endoceras proteiforme</i>). Middleville.
55	do (with fragments of <i>O. junceum</i>). Watertown.
56	<i>Endoceras</i> of the Trenton limestone.
57	TRENTON LIMESTONE (with fragment of <i>Orthoceras?</i>).

FIFTH WALL CASE.

58	TRENTON LIMESTONE (with <i>Isotelus</i>). Creek at Spraker's basin, Fulton.
59	Fragment of <i>Orthoceras</i> .
60	TRENTON LIMESTONE (with <i>Leptaena</i> , etc.).
61	Fragments of <i>Orthoceras</i> from the Trenton limestone.
62	TRENTON LIMESTONE (with fossils).
63	do (with <i>Isotelus</i>). Glensfalls, Warren.
64	do (with <i>Isotelus</i>). Middleville, Herkimer,
65 - 67	do Glensfalls, Warren,

Names.	Localities.
68 TRENTON LIMESTONE.	Baker's falls, Washington.
69 do	(with <i>Trinucleus</i>). Locality unknown.
70 do	(with fossils). Locality unknown.
71 do	(with <i>Chætetes lycoperdon</i>). Jacksonburgh, Herkimer.
72 do	(with <i>Trinucleus</i> and other fossils). Near Boonville?
73 do	(with <i>Chætetes lycoperdon</i>).
74 do	(with <i>Calymene senaria</i>). Below Middleville.
75 do	(with <i>Calymene senaria</i>).
76 & 77 do	(with <i>Chætetes</i>).
78 - 81	Hemispherical <i>Chætetes</i> from the Trenton limestone.
82 TRENTON LIMESTONE	(with <i>Orthoceras</i>).
83	<i>Orthoceras</i> .
84 TRENTON LIMESTONE	(with <i>Orthoceras</i>). Dry Moose river, Lewis.
85 do	(with <i>Orthoceras</i>). Middleville, Herkimer.
86 do	(with <i>Orthoceras</i>). Watertown, Jefferson.
87 do	(with <i>Subulites</i>). Watertown, Jefferson.
88 do	Sugar river near Boonville, Oneida.
89 do	(with <i>Pleurotomaria</i> , <i>Murchisonia</i> , etc.). Trenton.
90 do	(with remains of <i>Trinucleus</i> , etc.). Tribeshill.
91 do	(with <i>Orthoceras</i>).
92 do	(with fragments of fossils).
93 do	(with <i>Orthis pectinella</i>).
94 do	(with <i>Leptæna alternata</i> , young shell).
95 do	(with <i>Atrypa extans</i>).
96 do	(with <i>Pleurotomaria lenticularis</i>).
97 do	(with <i>Leptæna sericea</i>).
98 do	(with <i>L. sericea</i> and others).
99 do	(with <i>Orthis testudinaria</i>). West-Canada creek.
100 do	(with <i>Leptæna alternata</i>).
101 do	(with <i>Orthis</i> and <i>Leptæna</i>). Near Boonville.
102 do	(with <i>Leptæna alternata</i>). Below Middleville,

Names.	Associated fossils and localities.
103	TRENTON LIMESTONE (with <i>Orthis</i> and <i>Leptæna</i>). Dry Moose river, Lewis.
104	do (with fragments of fossils).
105	do (with <i>Chætetes lycoperdon</i>).
106	do (with remains of fossils).
107	do (hemispherical form of <i>Chætetes</i> from).
108	do (with <i>Conularia</i>). Sugar river near Boonville.
109	do (with remains of <i>Leptæna</i>).
110	do (with <i>L. sericea</i>). Sugar river, Boonville.
111	do (with <i>Orthis pectinella</i>). Middleville.
112	do (with <i>Leptæna sericea</i>). Dry Moose river.
113	do (with graptolites). Trenton falls.
114	do (with spar). Sugar river, Boonville.
115	do (with <i>Orthis testudinaria</i>). Fortplain.
116	do (with <i>O. testudinaria</i>).
117	do (with encrinal and other remains).
118	do (with obscure <i>Leptæna alternata</i>). Martinsburgh.
119	do (polished specimen). Boonville, Sugar river.
120	do (with encrinal stems).
121	do (with caudal shield of <i>Illæmus crassicauda</i>).
122	do (with encrinal fragments). Near Trenton village.
123	do (with fragment of <i>Isotelus gigas</i>). Near Boonville.
124	do (with fragments of <i>Calymene</i>). Middleville.
125	do (with encrinal and other remains).
126	do (with fragments of <i>Orthoceras</i> , etc.). Watertown.
127	do (with <i>Orthis</i> , etc.). Watertown.
128	do (with crinoidal fragments and concretions). Creek at Spraker's basin.
129	do (with casts of <i>Isotelus gigas</i>). Plattsburgh.
130	do (with <i>Orthis pectinella</i>).
131	do (with obscure fossils). Dry Moose river.
132	do (with <i>Orthis</i>). Falls of Sugar river, Boonville.
133	do (with fragments of <i>Pleurotomaria</i>). Watertown.
134	do (with fragments of fossils, crystalline).

Names.	Associated fossils and localities.
135	TRENTON LIMESTONE (with <i>Orthoceras</i>). Middleville.
136	do (with spar). Middleville.
137	do (with fragments of fossils). Middleville.
138	do (with calc spar). Falls at Lowville.
139	do (with base of <i>Chætetes</i> and shells).
140	do (with fragments of fossils, crystalline). Hawkins's mill, Boonville road.
141	do (with <i>Leptaena</i> and fragments of other fossils). Lower falls of Lansing's kill.
142 - 145	do (crinoidal fragments). Quarry near Trenton village.
146 & 147	do (mass of fossil fragments, crystalline). Near Trenton village.
148	do (with fossils and concretions). Amsterdam.
149	do (with spar). Martinsburgh.
150	do (with lead ore). Martinsburgh.
151	do (with <i>Chætetes</i> , branched variety).
152	TRAP DYKE (in Trenton limestone). East-Canada creek.
153 & 154	PORPHYRY (in Trenton limestone). Essex.

5. UTICA SLATE.

SEVENTH TABLE CASE.

1	UTICA SLATE (with graptolites). East-Canada creek.
2	do (with fragments of <i>Calymene beckii</i>). Mohawk valley.
3	do (with <i>Leptaena sericea</i>). Creek at Johnstown.
4	do (with <i>Orthis testudinaria</i>). Creek at Johnstown.
5	do (with heads of <i>Calymene beckii</i>). Oxtungo creek, south of Fortplain.
6	do (with <i>Calymene beckii</i>). Oxtungo creek.
7	do (with <i>Graptolithus laevis</i>). Turin, Lewis.
8	do (with graptolites). Johnstown creek.

Names.	Associated fossils and localities.
9 & 10 UTICA SLATE	(with graptolites). Oxtungo creek.
11 do	(with graptolites). Creek north of Herkimer.
12 do	(with <i>Orthoceras</i>). Turin.
13 do	(with <i>Orthoceras</i>). East-Canada creek.
14 do	(with graptolites and <i>Pleurotomaria</i>). Coldspring.
15 do	(with <i>Calymene</i>). Near Amsterdam.
16 do	(with fragments of graptolites).
17 do	(with head of <i>Calymene beckii</i>). Turin.
18 do	(with <i>Calymene beckii</i>). Whetstone creek, Lewis.
19 do	(with fragments of <i>Calymene</i>). Whetstone creek.
20 do	(with fragments of <i>C. beckii</i>). Pulaski, Oswego.
21 do	(with fragment of <i>Orthoceras</i>). East-Canada creek.
22 & 23 do	(with fragments of <i>Orthoceras</i>). Whetstone creek.
24 do	Lorraine, Jefferson.
25 do	(with fragments of <i>Calymene</i> , <i>Graptolithus</i> , etc.). Pulaski and Lorraine.
26 do	(with fragments of fossils). Lorraine.
27 do	(with fossils in an erratic mass). Near Littlefalls.
28 do	(with <i>Orthoceras</i>). Whetstone creek, Lewis.
29 do	(compact, with iron pyrites). East-Canada creek.
30 do	(compact, with a concretion). Near Middleville.
31 do	Canajoharie.
32 do	(with graptolites).
33 & 34 do	(with graptolites and crystals of gypsum). Baker's falls, Washington.
35 do	(glazed). Chatham, Columbia.
36 do	(glazed). Near Poughkeepsie.
37 do	Reed's spring, Washington.
38 do	(with graptolites). Kinderhook creek, Columbia.
39 do	(metamorphic). Near Hudson.

6. HUDSON-RIVER GROUP.

EIGHTH TABLE CASE.

Names.	Associated fossils and localities.
1 HUDSON-RIVER SLATE	(with <i>Chatetes</i> , branched form). Loraine, Jefferson.
2 do	(with encrinal stems and obscure fossils). Loraine.
3 do	(with encrinal fragments). Lee Centre.
4 do	(with obscure remains). Loraine.
5 HUDSON-RIVER SHALE	(with fragments of fossils). Pulaski, Oswego.
6 do	(calcareous, with encrinal stems and fragments). Pulaski.
7 & 8 do	(calcareous, with <i>Leptæna alternata</i>). Pulaski.
9 HUDSON-RIVER CALCAREOUS SANDSTONE	(with <i>Modiolopsis</i>). Pulaski.
10 do	(with <i>Ambonychia</i> and <i>Orthis</i>). Turin, Lewis.
11 do	(with fragments of fossils). Walden.
12 do	(with <i>Modiolopsis</i>). Loraine.
13 HUDSON-RIVER SANDSTONE,	calcareous and shaly, decomposing (with shells). Pulaski.
14 do	(with fragments of <i>Leptæna</i> , etc.). Pulaski.
15 do	(with obscure impressions of <i>Tentaculites</i> and <i>Leptæna</i>). Whetstone creek, Lewis.
16 do	(shaly and calcareous, decomposing, with <i>Ambonychia</i> and numerous other fossils). Pulaski.
17 SHALY & CALCAREOUS SANDSTONE	(with <i>Modiolopsis</i> , etc.). Pulaski.
18 HUDSON-RIVER CALCAREOUS SANDSTONE	(with fossil fragments). Pulaski.
19 do	(decomposing, with impressions of <i>Orthis testudinaria</i>). Pulaski.
20 do	(with encrinal joints, <i>Orthis</i> , etc.). Loraine.
21 do	(with encrinal joints, <i>Ambonychia</i> , etc.). Loraine.
22 do	(with <i>Ambonychia radiata</i>). Loraine.
23 HUDSON-RIVER CALCAREOUS SHALE	(with encrinal columns and other fossils). Loraine.

Names.	Associated fossils and localities.
24 HUDSON-RIVER SANDSTONE	(with obscure remains of <i>Chætetes</i> , <i>Orthis</i> , etc.). Loraine.
25 do	(with <i>Ambonychia</i> and <i>Orthonota</i>). Talcott's quarry, near Rome, Oneida.
26 do	(with <i>Ambonychia</i>): Talcott's quarry.
27 do	(with <i>Modiolopsis</i>). Talcott's quarry.
28 & 29 HUDSON-RIVER CALCAREOUS SANDSTONE	(with <i>Leptæna alternata</i>). Pulaski, Oswego.
30 HUDSON-RIVER CALCAREOUS SANDSTONE	(with obscure fossil impressions). Falls of Salmon river.
31 HUDSON-RIVER CALCAREOUS SHALE	(with obscure fossils). Northwest corner of Columbia county.
32 HUDSON-RIVER CALCAREOUS SHALE	(with crinoidal plates and shells). Pulaski, Oswego.
33 HUDSON-RIVER DECOMPOSING SHALY SANDSTONE	(with <i>Cyrtolites ornatus</i>): Loraine, Jefferson.
34 HUDSON-RIVER CALCAREOUS SANDSTONE	(with <i>Bellerophon bilobatus</i>). Loraine.
35 HUDSON-RIVER SANDSTONE	(with <i>Orthoceras</i>): Oneida.
36 & 37 HUDSON-RIVER SHALY SANDSTONE, decomposing	(with <i>Leptæna</i> , etc.). Pulaski.
38 HUDSON-RIVER CALCAREOUS SANDSTONE	(with fossil fragments). Pulaski.
39 HUDSON-RIVER SANDSTONE	(with <i>Leptæna alternata</i> , etc.). Loraine.
40 HUDSON-RIVER CALCAREOUS SANDSTONE	(with <i>Chætetes</i> & fragments). Talcott's quarry.
41 HUDSON-RIVER CALCAREOUS SANDSTONE	(with <i>Ambonychia</i>). Oneida.
42 HUDSON-RIVER CALCAREOUS SANDSTONE	(with obscure impressions).

SIXTH WALL CASE.

43 SHALY SANDSTONE.	Snake hill, Saratoga.
44 GREEN SHALE.	Snake hill.
45 GRAY SANDSTONE.	Redhook, Dutchess.
46 GREEN SHALE.	Snake hill, Saratoga.
47 & 48 BLACK SLATE (with graptolites).	Columbia county.
49 SHALE.	Banks of North river, Dutchess.

Names.	Localities.
50 GREEN SLATE.	Cornwall, Orange.
51 GREEN (calcareous) SHALE (with fossils, <i>Nucula</i> , etc.).	Whitt's quarry.
52 SILICEOUS BLACK SLATE.	Clermont, Columbia.
53 GREEN SILICEOUS SLATE.	Montrose, Dutchess.
54 SANDSTONE, slaty (slaty graywacke).	Redhook.
55 SHALY SANDSTONE.	Stockport, Columbia.
56 BLACK SLATE.	Hydepark, Dutchess.
57 SANDSTONE (compact and partially altered).	Bloomingrove, Orange.
58 SILICEOUS SLATE.	Cornwall, Orange.
59 SANDSTONE (laminated and micaceous).	Minisink, Orange.
60 SLATE, black (thinly laminated).	Clermont, Columbia.
61 SLATE, black (thinly laminated).	Sugarloaf, Orange.
62 SANDSTONE (laminated and micaceous).	Walden, Orange.
63 SLATY SANDSTONE (with mica and grains of anthracite).	Walden.
64 FLINTY SLATE (black).	Hudson, Columbia.
65 FLINTY SLATE (greenish).	Hudson.
66 LAMINATED SANDSTONE.	Schoharie.
67 GRAY SANDSTONE.	Banks of Hudson river, Dutchess.
68 BLACK SLATE.	Hillsdale, Columbia.
69 GRAY SANDSTONE (siliceous and partially altered).	Ghent, Columbia.
70 GRAY SANDSTONE (conglomeritic).	Banks of Hudson river, Dutchess.
71 GRAY SANDSTONE (slightly conglomeritic and laminated).	Hydepark landing, Dutchess.
72 SILICEOUS SLATE (with copper and iron pyrites).	Near Lower Redhook.
73 FLINTY SLATE.	Near Hudson, Columbia.
74 BROWN JASPERY SLATE.	Near Kinderhook creek, Chatham, Columbia.
75 GLAZED SLATE.	Near Rider's mills, Chatham.
76 GLAZED SLATE.	South of Hudson, Columbia.
77 GLAZED SLATE, greenish (shining argillite).	Rider's mills, Chatham.
78 SILICEOUS and GLAZED SLATE (with limestone).	Chatham.
79 QUARTZ CRYSTALS, in cavities of quartz.	Near Lansingburgh.
80 RED SLATE.	South of Hampton, Washington.
81 SILICEOUS SLATE.	Lower Redhook landing, Dutchess.

Names.	Localities.
82 SLATE.	Union corner, Hydepark, Dutchess.
83 SILICEOUS SLATE (greenish).	Banks of Hudson river, Dutchess.
84 SLATE with iron pyrites (thinly laminated).	Hillsdale, Columbia.
85 BLACK SLATE (thinly laminated).	Hillsdale.
86 ROOFING SLATE.	Gillet's quarry, Lebanon, Columbia.
87 SLATE (micaceous and laminated).	Redhook, Dutchess.
88 & 89 TALCOSE SLATE (contorted).	Whiting's pond, Canaan, Columbia.
90 GREEN SLATE, siliceous.	Near Albany.
91 RED JASPERY SLATE.	Lower Redhook landing, Dutchess.
92 BROWN JASPERY SLATE.	Bloomingrove, Orange.
93 SLATE with cast of mud-furrows.	Frankfort creek, Herkimer.
94 SILICEOUS SLATE with irregular surface (mud markings).	Oneida.
95, 96, 97 BLACK SLATE (with satin spar).	St. Albans, Vermont.
98 SILICEOUS SLATE (altered).	Willsborough, Essex.
99 SANDSTONE (gray, siliceous).	Oneida creek.
100 RED SLATE.	Washington?
101 GREENISH SANDSTONE (argillaceous).	Falls of Salmon river, Oswego.
102 GREENISH SANDSTONE (with surface markings).	Falls of Salmon river.
103 FERRUGINOUS SANDSTONE (with quartz veins).	
104 GREEN SLATE.	Ridge mill near Rome, Oneida.
105 SHALY SANDSTONE (with quartz crystals).	
106 & 107 GREEN SHALY SANDSTONE (with calcareous spar).	
108 & 109 GREEN SHALE.	Barney's, north of Rome, Oneida.
110 COMPACT DARK SLATE.	Summit pond, Argyle, Washington.
111 DARK GREEN SLATE.	Wynn creek.
112 BLACK THINLY LAMINATED SLATE.	Vanhorn's mill near Rome.
113 COMPACT SILICEOUS SLATE.	Near Rome, Oneida.
114 ARENACEOUS LIMESTONE (with <i>Ambonychia</i> and <i>Cyrtolites</i>).	Lewis.
115 ORTHOCERATITE.	Lewis county.
116 SHALY SANDSTONE (with <i>Ambonychia radiata</i>).	Loraine, Jefferson.
117, 118, 119 SANDY SHALE (with crinoidal joints, <i>Orthis</i> , etc.).	Loraine.
120 SHALY LIMESTONE (with <i>Orthis</i> , <i>Orthoceras</i> , etc.).	Loraine.

- | Names. | Associated fossils and localities. |
|---|------------------------------------|
| 121 GRAY SANDSTONE (with fossils). | West of Constableville, Lewis. |
| 122 SILICEOUS MASS in black shale. | Lansingburgh, Rensselaer. |
| 123 SLATY ARGILLACEOUS LIMESTONE. | Greenwich, Washington. |
| 124 SANDSTONE (with small branching <i>Chaetetes lycoperdon</i>). | Oswego. |
| 125 CALCAREOUS SANDSTONE (with <i>Ambonychia radiata</i>). | |
| 126 GRAY SANDSTONE (with <i>Ambonychia</i> , etc.). | Near Rome, Oneida. |
| 127 BLACK SLATE (thinly laminated). | Vanhorn's mill near Rome. |
| 128 GRAYISH GREEN SHALE. | Snake hill, Saratoga. |
| 129 CALCAREOUS SHALE (with columns of <i>Heterocrinus</i>). | Oneida. |
| 130 SHALY SANDSTONE (with <i>Orthoceras</i>). | Lorraine, Jefferson. |
| 131 SHALY SANDSTONE (with <i>Modiolopsis ovata</i>). | Lorraine. |
| 132 CALCAREOUS SANDSTONE (with <i>Ambonychia radiata</i>). | Pulaski. |
| 133 SHALY SANDSTONE (with <i>Leptana sericea</i>). | Near Copenhagen, Lewis. |
| 134 COMPACT SANDSTONE. | Talcott's quarry near Rome. |
| 135 GREEN SHALE. | Saugerties, Ulster. |
| 136 GRAY SANDSTONE (with concretion). | Near Rome, Oneida. |
| 137 LIMESTONE with fossils (intercalated with the Hudson-river shales), | Near Barnegate, Dutchess. |
| 138 SANDSTONE (with <i>Orthoceratites</i> , <i>Cyrtolites</i> , etc.). | Turin, Lewis. |
| 139 SHALY SANDSTONE (ferruginous and decomposing). | Lorraine? |
| 140 GRAY SANDSTONE (with fragments of fossils). | Near Constableville. |
| 141 GREEN SILICEOUS SLATE (whetstone slate). | Columbia county. |
| 142 COMPACT SHALY SANDSTONE (with quartz crystals). | Near Albany. |
| 143 GLAZED SLATE. | Near Hudson. |
| 144 THINBEDDED SANDSTONE (with fossils). | Near Russia, Herkimer. |
| 145 SLATY CALCAREOUS ROCK (with <i>Orthis testudinaria</i>). | Lewis. |
| 146 SILICEOUS LIMESTONE (interstratified with slate). | Columbia. |
| 147 SHALY SANDSTONE, | Rogers's creek, Oneida. |

7. GREY SANDSTONE.

SEVENTH TABLE CASE.

Names.	Localities, etc.
1 ROOF SLATE.	Rowley's quarry, New-Lebanon, Columbia county.
2 SLATE.	One mile west of Hillsdale, Columbia.
3 GLAZED SLATE.	One mile south of Hudson, at the supposed coal mine.
4 RED SLATE.	Near Kinderhook, Chatham, Columbia.
5 RED SLATE.	One mile southwest of Washington-hollow, Dutchess.
6 MILLSTONE GRIT.	Steel's creek.
7, 8, 9 SHALY SANDSTONE	(with fragments of fossils).
10 SHALY SANDSTONE	(with impressions of <i>Modiolopsis modiolaris</i>).
11 SHALY SANDSTONE.	
12 CONCRETIONARY SANDSTONE.	
13 GRAY SHALY SANDSTONE.	Two and a half miles north of Rome.
14, 15, 16 GRAY SANDSTONE.	Woodruff's, south of Rome.
17 GREENISH GLAZED SLATE.	
18, 19 GRAY SANDSTONE.	Salmon creek, village of Florence.
20 GRAY SANDSTONE.	Falls of Stony brook, Redfield.
21 GRAY SANDSTONE.	Village of Florence.
22 GRAY SANDSTONE	(with water-marked surface). Falls of Salmon creek.
23 GRAY SANDSTONE.	West of Oswego village.
24 GRAY SANDSTONE.	Woodruff's quarry, south of Rome.
25 GRAY SANDSTONE.	Below the dam on Mad river, Camden.
26 GRAY SANDSTONE.	Dam at Mad river, near Camden.
27 GRAY SANDSTONE.	Upper falls of Mad river, Redfield.
28 GRAY SANDSTONE.	Road to Loraine from Redfield.
29 GRAY SANDSTONE.	West of Ghent meeting-house, Columbia.
30 GRAY SANDSTONE.	Road south of Rome, Oneida.
31 GRAY SANDSTONE.	Tippler's quarry.
32, 33, 34 GRAY SANDSTONE	(with <i>Strophomena alternata</i>).
35 GRAY SILICEOUS SANDSTONE	(with shaly nodules, and containing galena).

- | Names. | Localities, etc. |
|---|--|
| 36 CONTORTED LIMESTONE. | Near Stanfordville, Dutchess. |
| 37 MILLSTONE GRIT. | Bloggs's clove, Bloomingrove, Orange. |
| 38 COMPACT SANDSTONE. | Twoponds, Monroe, Orange. |
| 39 MILLSTONE GRIT (boulder). | Hamptonburgh, Orange. |
| 40 MILLSTONE GRIT. | Deerpark, foot of Shawangunk mountain range. |
| 41 GRAYWACKE. | Two miles west of Woodbury, Monroe, Orange. |
| 42 MILLSTONE GRIT. | Deerpark, Orange. |
| 43 CONGLOMERATE. | Canterbury, Orange. |
| 44 FINEGRAINED GRIT ROCK. | Shawangunk mountain, Rochester, Ulster. |
| 45 GRIT ROCK. | Walls of the Shawangunk lead vein, Sullivan. |
| 46 MILLSTONE GRIT. | Deerpark, Orange. |
| 47 BRECCIA. | Two miles northeast of Craigville, Orange. |
| 48 YELLOWISH SANDSTONE. | Stockport landing, Columbia. |
| 49 COMPACT SHALY SANDSTONE. | Near Hydepark, Dutchess. |
| 50 A METAMORPHIC SLATY AND CRYSTALLINE ROCK. | —— ? |
| 51 COMPACT METAMORPHIC GRIT ROCK. | —— ? |
| 52 BROWNISH SILICEOUS LIMESTONE (metamorphic). | —— ? |
| 53 COMPACT SHALY SANDSTONE. | |
| 54 SHALY SANDSTONE (with thin layers of shale). | —— ? |
| 55 SILICEOUS LIMESTONE. | |
| 56 LIMESTONE. | Bloggs's clove, Bloomingrove, Orange. |
| 57 LIMESTONE. | Warwick, Orange. |

SEVENTH WALL CASE.

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|------------------------------|---|
| 58 GREY SANDSTONE. | Three miles north of Salem, Washington. |
| 59 BLACK SLATE. | Hoosick, Rensselaer. |
| 60 LIMESTONE. | West of Granville, Washington. |
| 61, 62 LIMESTONE. | Snakehill, Saratoga. |
| 63 RED SHALE. | Eaton, Washington. |
| 64, 65 SHALE. | Sugarloaf, Orange. |
| 66 COMPACT SANDSTONE. | Bellvale, Warwick, Orange. |
| 67 RED SLATE. | Bloomingrove, Orange. |
| 68 MILLSTONE GRIT (compact). | Canterbury, Orange. |
| 69 RED SHALY SANDSTONE. | Canterbury. |
| 70 RED SANDSTONE. | Pine hill, Cornwall, Orange. |
| 71 RED MILLSTONE GRIT. | Carpenter's point, Deerpark, Orange. |
| 72 RED SHALE. | Cambridge, Washington. |

EIGHTH TABLE CASE.

Names.	Localities, etc.
1, 2, 3 ONEIDA CONGLOMERATE.	Steel's creek, Herkimer.
4 ONEIDA CONGLOMERATE.	Cleveland, Oneida lake.
5, 6 do	Mason's quarry, southwest of Utica.
7 do	Mansfield, south of Hampton.
8 do	South of New-Hartford, Oneida.
9 do	Mason's quarry.
10, 11 do	Near Starch-factory creek, Oneida.
12 do	Steel's creek, Herkimer.
13 do	Mansfield, south of Hampton.
14 MILLSTONE GRIT.	Hill near Starch-factory creek, Oneida.

8. MEDINA SANDSTONE.

EIGHTH TABLE CASE.

15, 16 MEDINA SANDSTONE (gray beds).	Lewiston, Niagara county.
17 MEDINA SANDSTONE (with ripplemarks).	Lewiston, high bank of river.
18 do	(gray beds). Lewiston.
19 do	(with undulating lines of deposition). Martville, Cayuga.
20 do	Wayne county.
21 - 23 do	Near Martville, Cayuga.
24 do	Hulme's quarry, Sterling, Cayuga.
25 do	(with <i>Dictuolites beckii</i>). Medina, Orleans.
26 do	(upper mass). Hulme's quarry, Sterling.
27, 28 do	(upper mass). Cental's mill, Wayne.
29, 30 do	Hulme's quarry, Sterling.
31, 32 do	Near Martville, Cayuga.
33 do	(upper gray mass). Medina.
34 do	(upper gray mass). Lewiston.
35 do	(upper gray mass). Rochester.
36 do	(variegated). Rochester.

NINTH TABLE CASE.

Names.	Localities, etc.
1 - 5	MEDINA SANDSTONE. Sterling centre, Cayuga county.
6	MEDINA SANDSTONE. Park's milldam, Amboy, Oswego.
7	do (with concretionary markings). Oswego village.
8	do (with mud cracks). Oswego village.
9, 10	do (with <i>Pleurotomaria pervetusta</i>). Medina.
11	do (with <i>P. pervetusta</i> & <i>Lingula cuneata</i>). Medina.
12 - 14	do (with <i>P. pervetusta</i>). Medina.
15	do East side of Irondequoit bay.
16	do (with <i>Palæophycus tortuosus</i>). Brighton, Monroe.
17 - 22	do (with <i>Lingula cuneata</i>). Medina.
23	do (with <i>Palæophycus</i>). Medina.
24	do (with <i>Modiolopsis primigenius</i>). Medina.
25 - 28	do (with fucoids). — ?
29	do (with <i>Arthropycus harlani</i> , loose). Near Cleveland, Oneida lake.
30	do (with <i>A. harlani</i>). Medina.
31	do Near Sterling, Cayuga.
32	do (with <i>Arthropycus harlani</i>). Medina.
33	do (with <i>A. harlani</i> & <i>Fucoides? auriformis</i>). Medina.
34	do (with <i>Dictuolites beckii</i>). Medina.

SEVENTH WALL CASE.

35	MEDINA SANDSTONE (with <i>Lingula cuneata</i> , showing current markings). Lockport, Niagara county.
36	do (geode). Lockport.
37	do (upper gray layers). Medina, Orleans.
38	do (variegated). Rochester, Monroe.
39	do Lewiston, Niagara.
40	do (upper gray layer). Lewiston.
41	do (conglomerate). Wolcott, Wayne.
42	do (with water-markings). Lewiston.
43	do (showing diagonal lines of lamination). Rochester.

Names.	Localities, etc.
44 MEDINA SANDSTONE.	Martville, Cayuga.
45 do	(inclosing nodules of shale). Rochester.
46 do	(with <i>Arthropycus harlani</i>). Wayne.
47 do	(variegated and shaly). Medina.
48 do	(shaly). Lewiston.
49 do	Redfield, Oneida.
50 do	(upper shaly layers). Medina.
51 do	(variegated). Lewiston.
52 & 53 do	(upper greenish layers). Lewiston.
54 do	(upper gray layers, with <i>Cytherina cylindrica</i>). Medina.
55 do	(variegated). Near Martville, Cayuga.
56 do	(variegated). Lewiston, Niagara.
57 do	Rochester, Monroe.
58 do	(very shaly). Irondequoit bay, Monroe.
59 do	Medina, Orleans.
60 do	(with <i>Lingula cuneata</i> and <i>Cytherina cylindrica</i>). Medina.
61 & 62 do	(with nodules of shale enclosed). Medina.
63 & 64 do	(with <i>Lingula cuneata</i>). Lockport and Medina.
65 do	(with <i>L. cuneata</i> and <i>Pleurotomaria pervetusta</i>). Medina.
66 do	(with <i>L. cuneata</i>). Medina.
67 do	Clarendon, Orleans.
68 do	(with tortuous lamination). Rochester.
69 - 71 do	(shaly variety). Lewiston.
72 do	(shaly). Rochester, Monroe.
73 do	(shaly). Martville, Cayuga.
74 do	(with <i>C. cylindrica</i> and <i>L. cuneata</i>). Medina.
75 do	(with concretionary surface). Oswego.
76 do	(with <i>Arthropycus harlani</i>). Medina.
77 do	(with <i>A. harlani</i>). Adams's basin, Monroe.
78 do	(with <i>Fucoides? heterophyllus</i>). Adams's basin.
79 & 80 do	(with <i>F.? heterophyllus</i>). Medina.

Names.	Localities, etc.
81 MEDINA SANDSTONE (with <i>F.?</i> <i>heterophyllus</i>).	Rochester.
82 & 83 do	(with fucoidal markings). Medina.
84 do	(with fucoidal markings). Martville.
85 do	(variegated). Philipsburgh, Oswego.
86 do	(with fucoidal markings). Lewiston.
87 do	(with <i>Arthropycus harlani</i> , and conglomerate). Oswego county.
88 do	(with <i>A. harlani</i>). Medina, Orleans.
89 do	(with ripplemarks). Medina.
90 do	(with <i>A. harlani</i>). Sodus, Wayne.
91 & 92 do	(upper gray layers). Medina.
93 do	Medina.

9. CLINTON GROUP.

TENTH TABLE CASE.

- 1 CONGLOMERATE (with shaly surface). Blackstone's quarry, New-Hartford, Oneida county.
- 2 SHALY SANDSTONE (with *Buthotrephis palmata*). Blackstone's quarry.
- 3 SHALY SANDSTONE (with *Rusophycus bilobatus*). Gaylord and Norton's quarry, New-Hartford.
- 4 SHALY SANDSTONE (with *Buthotrephis gracilis*). Blackstone's quarry.
- 5 SANDSTONE (with *Beyrichia*). New-Hartford.
- 6 CONGLOMERATE. Stebbins's creek, near Clinton village, Oneida.
- 7 CONGLOMERATE (with iridescent surface). Blackstone's quarry.
- 8, 9, 10 OOLITIC IRON ORE. Bennett's ore bed, west of Clinton village.
- 11 OOLITIC IRON ORE. Wadsworth's quarry, New-Hartford.
- 12 do (with crinoidal joints). Eames's quarry, Verona.
- 13 do (with crinoidal joints). Parsons's quarry, Verona.
- 14 do Hammond's ore bed, Westmoreland, Oneida.
- 15 do Parsons's quarry.
- 16 do (with *Leptæna sericea*). Bennett's ore bed.

- | Names. | Associated fossils and localities. |
|--|---|
| 17 SHALY SANDSTONE | (with <i>L. sericca</i>). South of Verona, Oneida. |
| 18, 19 LIMESTONE | (with <i>Pentamerus oblongus</i>). Rochester, Monroe. |
| 20 SILICEOUS LIMESTONE | (with <i>P. oblongus</i>). Wolcott, Wayne. |
| 21 LIMESTONE | (with <i>Atrypa hemispherica</i>). Below Martville, Cayuga. |
| 22 LIMESTONE | (with fragments of <i>P. oblongus</i>). Sodus, Wayne. |
| 23 OOLITIC IRON ORE. | Rochester. |
| 24 OOLITIC IRON ORE (2 specimens). | Stebbins's creek, Oneida. |
| 25 LIMESTONE | (with <i>Leptæna rugosa</i>). Donnelly's quarry, Madison. |
| 26 OOLITIC IRON ORE. | Wolcott, Wayne. |
| 27 do | (with fragments of shells). Donnelly's quarry. |
| 28 do | (with <i>Pentamerus oblongus</i>). Donnelly's quarry. |
| 29 & 30 do | (with <i>Spirifer radiatus</i>). Donnelly's quarry. |
| 31 FERRUGINOUS LIMESTONE | (with <i>P. oblongus</i>). Donnelly's quarry. |
| 32, 33 SHALY SANDSTONE | (with <i>Rusophycus pudicus</i>). Gaylord's quarry. |
| 34 <i>Atrypa congesta</i> . | Reynale's basin, Niagara. |
| 35 <i>Atrypa plicatella</i> . | Reynale's basin. |
| 36 SHALE | (with <i>Graptolithus clintonensis</i>). Sodus. |
| 37 LIMESTONE | (with <i>Atrypa hemispherica</i>). Rochester. |
| 38 LIMESTONE | (with <i>A. reticularis</i> and <i>P. oblongus</i>). Donnelly's quarry. |
| 39 GRAY SANDSTONE | (with fragments of <i>Homalonotus delphinocephalus</i>).
Steel's creek, Herkimer. |
| 40 GRAY SANDSTONE | (upper mass of group). Steel's creek. |
| 41 SHALE | (with <i>Atrypa congesta</i>). Reynale's basin, Niagara. |
| 42 <i>Atrypa plicatella</i> . | Reynale's basin. |
| 43 <i>Chætetes lycoperdon</i> . | Reynale's basin. |
| 44 UPPER GRAY SANDSTONE | (with <i>Modiolopsis ovata</i>). Remington's quarry. |
| 45 LIMESTONE | (with <i>Atrypa congesta</i>). Medina. |
| 46 <i>Caninia bilateralis</i> (2 specimens). | Reynale's basin. |
| 47 <i>Atrypa congesta</i> . | |
| 48 FIBROUS SULPHATE OF STRONTIAN. | Stark, Herkimer. |
| 49 FIBROUS SULPHATE OF STRONTIAN | (with carbonate of lime, etc.). Stark. |
| 50 CRYSTALLIZED SULPHATE OF STRONTIAN. | Stark. |
| 51 GYPSUM. | Stark. |

EIGHTH WALL CASE.

Names,	Associated fossils and localities.
52 SHALY SANDSTONE (with fucoidal markings).	Blackstone's quarry.
53 SHALE (with obscure fossil markings).	Blackstone's quarry.
54 GREEN SHALE.	Martville, Cayuga.
55 FERRUGINOUS SANDSTONE (with <i>Beyrichia</i>).	New-Hartford.
56 SHALY SANDSTONE (with <i>Rusophycus subangulatus</i>).	Blackstone's.
57 SHALY SANDSTONE (with fucoidal markings).	Blackstone's quarry.
58 SHALE (with <i>Buthotrephis gracilis</i>).	Near Clinton village.
59 SANDSTONE (with <i>B. palmata</i>).	Fox-hollow, Herkimer.
60 SHALY SANDSTONE (with organic markings).	Blackstone's quarry.
61 SHALY SANDSTONE (with <i>Rusophycus bilobatus</i>).	Gaylord's quarry.
62, 63 SHALE (with fragments of <i>B. ramosa</i>).	Blackstone's quarry.
64 SHALY SANDSTONE (with fucoidal fragments).	Near Verona.
65 CONGLOMERATE (with iron pyrites).	Blackstone's quarry.
66 do (with iridescent surface).	Blackstone's quarry.
67 do (with shaly surface).	Stebbins's creek.
68 do (with shaly surface).	Rogers's creek.
69 do	Blackstone's quarry.
70 SHALY SANDSTONE (with fucoidal markings).	Near Clinton village.
71 SHALY SANDSTONE (with fucoidal markings).	North of Martville.
72 SHALE.	A quarry north of Martville.
73 SHALY SANDSTONE (2 specimens, with fucoidal remains).	Clinton.
74 HORNSTONE (composed of fragments of shells).	Rochester.
75 SANDSTONE (with <i>Beyrichia</i>).	New-Hartford.
76 GREY SANDSTONE (with <i>Lingula oblonga</i>).	Quarry north of Martville.
77 FERRUGINOUS SANDSTONE (with organic remains).	New-Hartford.
78 FERRUGINOUS SANDSTONE.	Stark, Herkimer.
79 FERRUGINOUS SANDSTONE.	Steel's creek, Herkimer.
80 SHALY SANDSTONE.	Vanhornsville, Herkimer.
81 SHALY LIMESTONE.	Bushnell's, Oneida lake.
82 do	Quarry near Verona.
83 do	(with <i>Fenestella prisca?</i>). Near Verona.

Names.	Associated fossils, and localities.
84 SHALY LIMESTONE	(with <i>Fenestella prisca?</i>). Martville, Cayuga.
85 SHALY LIMESTONE.	Martville.
86 GREEN SHALE.	Martville.
87 GREEN SHALE.	Swift's creek.
88 LIMESTONE.	Near Verona, Oneida.
89 SHALY LIMESTONE.	Near Verona.
90 OOLITIC IRON ORE	(with <i>Beyrichia</i>). Vanhornsville, Herkimer.
91 do	Swift's creek.
92 & 93 do	Bennett's ore bed, Clinton, Oneida.
94 do	(with concretions and crinoidal joints). Pearson's ore bed, near Verona.
95 RED SANDSTONE.	Steel's creek, Herkimer.
96 RED CONGLOMERATE.	Steel's creek.
97 OOLITIC IRON ORE	(with limestone). Wolcott, Wayne.
98 LIMESTONE	(with <i>Pentamerus oblongus</i>). Sodus, Wayne.
99, 100 LIMESTONE	(with <i>P. oblongus</i>). Rochester, Monroe.
101 SHALE	(with <i>Leptaena rugosa</i>). Donnelly's quarry, Madison.
102 OOLITIC IRON ORE	(with calcareous spar). Wolcott.
103 SHALY LIMESTONE	(with <i>Fenestella prisca</i>). Taberg furnace.
104 SHALE	(with <i>Atrypa plicatella</i>). Taberg furnace.
105 SHALE	(with <i>Beyrichia</i> and <i>Tentaculites</i>). Taberg furnace.
106 OOLITIC IRON ORE	(with fragments of fossils). Stebbins's creek.
107 do	Stebbins's creek.
108 do	(with fragments of fossils). Near Clinton village.
109 do	Quarry north of Clinton village.
110 do	Hammond's quarry.
111 do	(with <i>Phenoptera constellata</i>). Wolcott, Wayne.
112 do	(with sulphate of baryta). Wolcott.
113 do	(with <i>Pentamerus oblongus</i>). Donnelly's quarry.
114 LIMESTONE	(with fragments of fossils). Near Martville, Cayuga.
115 SANDSTONE	(with iron pyrites). Stebbins's quarry, Clinton, Oneida.
116 SHALY SANDSTONE	(with casts of <i>Leptaena</i>). Near Blackstone's quarry.
117 FERRUGINOUS SANDSTONE	(with cast of <i>L. subplana</i>). Near Clinton.

Names.	Associated fossils, and localities.
118 SHALY SANDSTONE	(with <i>L. rugosa</i>). Near Tippler's quarry.
119 SILICEOUS LIMESTONE	(with <i>L. rugosa</i>). Munger's quarry.
120 SILICEOUS LIMESTONE	(with <i>L. rugosa</i>). Oneida lake.
121 SILICEOUS AND SHALY LIMESTONE.	Swift's creek, Oneida.
122 SHALY LIMESTONE	(with <i>L. corrugata</i> and <i>Pyrenomæus cuneatus</i>). Clinton, Oneida.
123 SHALY SANDSTONE	(with <i>Avicula emasculata</i>). Munger's quarry.
124 do	(with imperfect fossils). Gaylord's quarry, near Utica.
125 - 127 do	(with <i>Rusophycus bilobatus</i>). Gaylord and Nor- ton's quarry, New-Hartford.
128 do	(with <i>B. palmata</i>). Gaylord and Norton's quarry.
129 do	(with roots of marine plants).
130 GRAY SANDSTONE	(with concretions).
131 SHALY SANDSTONE	(with fucoidal markings). Vanhornsville, Herkimer.
132 SHALY SANDSTONE.	Stark, Herkimer.
133 & 134 SILICEOUS LIMESTONE	(with sulphate of strontian in crystals). Stark, Herkimer.
135 GYPSUM.	Stark.
136 DARK-COLORED GYPSUM.	Stark.
137 SANDSTONE AND GYPSUM.	Stark.
138 & 139 SHALE WITH GYPSUM.	Stark.

10. NIAGARA GROUP.

ELEVENTH TABLE CASE.

- 1 SHALE (with *Phacops limulurus*). Lockport, Niagara.
- 2 do (with impression of *P. limulurus*). Lockport.
- 3 do (with *Homalonotus delphinocephalus*). Lockport.
- 4 do (with *Dictyonema retiformis*). Lockport.
- 5 do (with *Caryocrinus ornatus*). Lockport.
- 6, 7 do (with *Spirifer niagarensis*). Lockport.

- | Names. | Associated fossils, and localities. |
|---|-------------------------------------|
| 8 SHALE (with <i>Leptaena subplana</i>). | Lockport. |
| 9 do (with <i>Atrypa nitida</i>). | Lockport. |
| 10 LIMESTONE composed of crinoidal joints. | Lockport. |
| 11 ANHYDROUS GYPSUM. | |
| 12 WHITE GYPSUM (or alabaster). | Lockport. |
| 13 ENCRINAL LIMESTONE (polished). | Lockport. |
| 14 LIMESTONE (with crystallized coral). | Lockport. |
| 15 SILICEOUS LIMESTONE. | Niagara falls. |
| 16 DARK LIMESTONE (with <i>Cytherina</i>). | Wayne county. |
| 17, 18 DARK BITUMINOUS LIMESTONE. | Wayne. |
| 19 PEARL SPAR. | Lockport, Niagara. |
| 20 DOGTOOTH SPAR. | Lockport. |
| 21 PEARL SPAR and DOGTOOTH SPAR. | Lockport. |
| 22 DOGTOOTH SPAR. | Lockport. |
| 23 LIMESTONE (with small geodes of pearl spar). | Lockport. |
| 24 do (with galena, sulphuret of lead). | Rochester. |
| 25 do (with zinc blende). | Niagara falls. |
| 26 do (with crystals of zinc blende). | Niagara falls. |
| 27, 28 FRAGMENTS of <i>Orthocera</i> . | Wayne county. |
| 29, 30 SULPHATE OF STRONTIAN. | Lockport. |
| 31 PEARL SPAR WITH DOGTOOTH SPAR. | Lockport. |
| 32 DARK LIMESTONE (with cavities). | Barre, Orleans. |
| 33 DARK LIMESTONE (upper part of rock). | Niagara falls. |
| 34 ENCRINAL LIMESTONE. | Niagara falls. |
| 35 LIMESTONE (with <i>Cladopora seriata</i>). | Lockport. |
| 36 DARK LIMESTONE. | Near Lenox, Madison. |
| 37 BRECCIATED LIMESTONE. | Oneida county. |
| 38 BRECCIATED LIMESTONE. | Ham's quarry. |
| 39 - 42 CONGLOMERATE LIMESTONE. | |
| 43 CONGLOMERATE LIMESTONE. | Ham and Bigelow's quarries. |

NINTH WALL CASE.

- | Names. | Associated fossils, and localities. |
|--|-------------------------------------|
| 44 SHALE (with nodules of gypsum replacing <i>Caryocrinus ornatus</i>). | Lockport, Niagara county. |
| 45 do (with <i>Orthoceras undulatus</i>). | Lockport. |
| 46 do (with <i>Dictyonema retiformis</i>). | Lockport. |
| 47 do (with <i>Leptæna striata</i>). | Lockport. |
| 48 do (with <i>L. rugosa</i> and <i>L. striata</i>). | Lockport. |
| 49 do (with <i>Orthis elegantula</i>). | Lockport. |
| 50 do (with <i>O. testudinaria</i> and <i>L. rugosa</i>). | Lockport. |
| 51 do (with <i>O. testudinaria</i>). | Lockport. |
| 52 do (with <i>Bumastis barriensis</i>). | Lockport. |
| 53 do (with fragments of various fossils). | Lockport. |
| 54 do (with <i>O. testudinaria</i> and <i>L. rugosa</i>). | Lockport. |
| 55 do (with <i>Avicula emacerata</i>). | Lockport. |
| 56 do (with <i>Leptæna subplana</i>). | Lockport. |
| 57 ENCRINAL LIMESTONE. | Near Lewiston, Niagara. |
| 58 SHALE (with <i>Caryocrinus ornatus</i> , and cavities filled with calcareous spar). | Lockport. |
| 59 LIMESTONE (with crinoidal columns). | Lockport. |
| 60 <i>Astrocerium venustum</i> (polished specimen from the original excavation of the Erie canal, 1825). | Lockport. |
| 61 LIMESTONE (with striated surface, lignilite). | Lockport. |
| 62 LIMESTONE (with <i>Atrypa reticularis</i>). | Lockport. |
| 63 BROWN BITUMINOUS LIMESTONE. | Rochester. |
| 64 LIMESTONE (with <i>Trematopora ostiolata</i>). | Rochester. |
| 65 do (with <i>Atrypa neglecta</i>). | Rochester. |
| 66 do (with vertically striated surface, lignilites). | Lockport. |
| 67 BRECCIATED LIMESTONE. | Near Rochester. |
| 68 WHITE GYPSUM (alabaster, polished specimens). | Lockport. |
| 69 GEODE OF DOGTOOTH SPAR. | Lockport. |
| 70 ENCRINAL LIMESTONE. | Lockport. |
| 71 ENCRINAL LIMESTONE (polished specimen). | Lockport. |
| 72 LIMESTONE (with dogtooth and pearl spar). | Lockport. |

- | Names. | Associated fossils, and localities. |
|---|---|
| 73 LIMESTONE (with dogtooth spar). | Lockport. |
| 74 do (with pearl spar). | Lockport. |
| 75 do (with geode of dogtooth spar). | Lockport. |
| 76 SULPHATE OF STRONTIAN. | Lockport. |
| 77 LIMESTONE (with pearl spar and dogtooth spar). | Lockport. |
| 78 do (with geode of pearl spar with selenite). | Rochester. |
| 79 ANHYDROUS GYPSUM. | Lockport. |
| 80 SULPHATE OF STRONTIAN. | Lockport. |
| 81, 82 LIMESTONE (with pearl spar). | Lockport. |
| 83 LIMESTONE (with geode filled with bituminous coal). | Lockport. |
| 84 do (with dogtooth spar). | Lockport. |
| 85 do (with pearl spar and dogtooth spar). | Lockport. |
| 86, 87 do (with dogtooth spar). | Lockport. |
| 88 PEARL SPAR (a geode). | Lockport. |
| 89 PEARL SPAR and DOGTOOTH SPAR. | Lockport. |
| 90 PEARL SPAR (rose-colored). | Lockport. |
| 91 LIMESTONE (with rose-colored pearl spar and dogtooth spar). | Lockport. |
| 92 do (with dogtooth spar and sulphate of strontian). | Lockport. |
| 93 do (with dogtooth spar). | Lockport. |
| 94 PEARL SPAR in geode of limestone. | Lockport. |
| 95 DOGTOOTH SPAR. | Lockport. |
| 96 DOGTOOTH SPAR and PEARL SPAR (replacing <i>Astrocerium venustum</i>). | Lockport. |
| 97 BROWN SPAR. | Lockport. |
| 98 LIMESTONE (with <i>Euomphalus hemispherica</i>). | Lockport. |
| 99 CONCRETIONARY LIMESTONE. | North of Manchester. |
| 100 LIMESTONE (with concretionary nodes upon surface). | Niagara falls. |
| 101 GEODE (with pearl spar and crystals of sulphate of strontian). | First excavation of Erie canal, 1825. Lockport. |
| 102 LIMESTONE (a concretion). | Near Skonondoa, Oneida. |
| 103 DARK BITUMINOUS LIMESTONE. | Between Lenox basin and Canastota. |
| 104 LIMESTONE (with cavity showing laminæ of growth of <i>Astrocerium venustum</i>). | Rochester. |
| 105 COMPACT LIMESTONE (with <i>Cyltherina</i>). | Ham's quarry, Cayuga. |

Names.	Associated fossils, and localities.
106 CONCRETIONARY LIMESTONE.	Four miles north of Manchester.
107, 108 COMPACT DARK-COLORED LIMESTONE.	Wolcott, Wayne.
109 LIMESTONE (with <i>Cladopora seriata</i>).	Sweden, Monroe.
110 LIMESTONE (with <i>Diplophyllum cæspitosum</i>).	Lockport.
111 COMPACT LIMESTONE (with <i>Cytherina</i>).	Butler, Wayne.
112 LIMESTONE (with cavities lined with crystals of calcareous spar).	
113 SHALY LIMESTONE (with <i>Spirifer crispus</i> and minute cytherinæ).	
114 COMPACT BROWN LIMESTONE.	Rochester.
115 COMPACT LIMESTONE.	North of Manchester, Ontario.
116 CONCRETIONARY LIMESTONE.	Steel's creek, Herkimer.
117 BRECCIATED LIMESTONE.	Steel's creek.
118 LIMESTONE (with surface markings).	Ham's quarry, Cayuga.
119 REDDISH COMPACT LIMESTONE.	Steel's creek.
120 CONCRETIONARY LIMESTONE.	Near Skonondoa, Oneida.
121 - 124 BRECCIATED LIMESTONE.	Near Skonondoa.
125 CONCRETIONARY LIMESTONE.	Near Skonondoa.

11. ONONDAGA-SALT GROUP,

TWELFTH TABLE CASE.

1 COMPACT RED SHALE.	Cruger's mill, Herkimer county.
2 VARIEGATED SHALE.	Chittenango, Madison.
3 RED SHALE.	Between Sauquoit creek and Paris hill, Oneida.
4 VARIEGATED SHALE.	Baldwinsville, Onondaga.
5 RED SHALE (with green spots).	Baldwinsville.
6 RED SHALE (with green spots).	Oneidacastle, Oneida.
7 GREENISH GRAY SHALE.	North of Chittenango village.
8 GREY SHALE.	South of Port Byron, Cayuga.
9 GREEN SHALE.	Churchville, Monroe.
10 GREEN SHALE (with seams of gypsum).	Near Lake Sodom.
11 RED SELENITE (with green shale).	Clyde, Wayne.

- | Names. | Associated fossils, and localities. |
|---|---|
| 12 RED GYPSUM (with green shale). | Lake Sodom. |
| 13 COMPACT GYPSUM (with green shale). | Monroe county. |
| 14 GREY SHALE (with cavities of crystals). | Near Lake Sodom. |
| 15 do (with remains of <i>Cytherina</i>). | Near Peru, Livingston. |
| 16 do (with cavities of crystals). | Near Lake Sodom. |
| 17 CALCAREOUS INFILTRATIONS between layers of gypsum. | Allen's creek. |
| 18 GYPSEOUS MARL. | Newark, Wayne. |
| 19, 20 GYPSUM. | Allen's creek, Monroe. |
| 21 GYPSEOUS MARL (with seams of fibrous gypsum). | Monroe county. |
| 22 SELENITE. | Nine-mile creek. |
| 23, 24 do (with fragments of marl enclosed). | Newark, Wayne. |
| 25 do (with fragments of marl enclosed). | Camillus, Onondaga. |
| 26 GYPSEOUS MARL (with marks of pseudomorphic crystals of common salt). | South of Syracuse, Onondaga. |
| 27 do (with ditto). | Hill southeast of Chittenango, Madison. |
| 28, 29 do (with ditto). | Bull's quarry, Lenox, Madison. |
| 30 do (with ditto). | Kelby's quarry, Lenox. |
| 31 PSEUDOMORPHIC CRYSTALS of COMMON SALT. | South of Syracuse. |
| 32 do do | Bull's quarry. |
| 33 do do | Nine-mile creek. |
| 34 GRAY SHALE. | Bull's quarry, Lenox. |
| 35 do (with obscure fossils). | Near Bellisle, Onondaga. |
| 36, 37 do (with impressions of fossil shells). | Bull's quarry. |
| 38 do (with obscure fossil shells). | Bull's quarry. |
| 39 do (with plant-like impressions). | Bull's quarry. |
| 40 do (with some plant-like impressions). | Bull's quarry. |
| 41, 42 SERPENTINE. | Near Syracuse. |
| 43 - 46 CALCAREOUS SERPENTINE. | Near Syracuse. |
| 47 SERPENTINE (with crystals of calcareous spar). | Near Syracuse. |
| 48 SERPENTINE. | Syracuse. |
| 49 GYPSEOUS MARL. | Nine-mile creek. |
| 50 BLACK GYPSEOUS MARL (with selenite). | South of Bellisle. |
| 51 NODULE OF GYPSUM AND MARL. | South of Chittenango. |

- | Names. | Associated fossils, and localities. |
|--|--------------------------------------|
| 52, 53 SELENITE (with black gypseous marl). | Springport, Cayuga. |
| 54 DARK SHALE (with surface covered with black selenite). | Port Byron. |
| 55 GRAY GYPSEOUS MARL (with spherical cavities containing concretions). | Lenox, Madison. |
| 56 IMPURE LIMESTONE (with spherical cavities). | |
| 57 HYDRAULIC LIMESTONE. | Throopsville, Cayuga. |
| 58 ASH-COLORED HYDRAULIC LIMESTONE (with remains of <i>Streptelasma</i>). | Blackrock, Erie. |
| 59 HYDRAULIC LIMESTONE (with lignilites). | Caneseraga creek. |
| 60, 61 do | (with lignilites). Onondaga. |
| 62, 63 do | (with lignilites). Caneseraga creek. |
| 64 VERMICULAR LIMESTONE. | Near Syracuse. |
| 65 HYDRAULIC LIMESTONE (with head of <i>Eurypterus remipes</i>). | Oriskany. |

TENTH WALL CASE.

- | | |
|--|--|
| 66 VARIEGATED RED MARL. | Near Oneidacastle. |
| 67 RED MARL (with green spots). | Chittenango, Madison. |
| 68 RED SHALE. | Between Sauquoit creek and Paris hill, Oneida. |
| 69 GREEN SHALE. | Between Sauquoit creek and Paris hill. |
| 70 GRAY SHALE. | Near Chittenango, Madison. |
| 71 GRAY SHALE. | Allen's creek, Monroe. |
| 72 GRAY GYPSEOUS MARL. | Orleans county. |
| 73 GRAY GYPSEOUS SHALE. | Near Churchville, Monroe. |
| 74 GYPSEOUS MARL. | Allen's creek. |
| 75 GYPSEOUS MARL. | Lockville, Wayne. |
| 76 FRIABLE SANDSTONE. | Near Paris hill, Oneida. |
| 77, 78 GYPSEOUS SHALE. | Near Paris hill. |
| 79 GYPSEOUS MARL. | Allen's creek. |
| 80 GYPSEOUS MARL (with seams of fibrous gypsum). | Monroe county. |
| 81, 82 GREENISH MARL (with fibrous gypsum). | Jordan, Onondaga. |
| 83 RED GYPSUM (with gypseous marl). | Jordan. |
| 84 RED GYPSUM (nodules). | Newark, Wayne. |
| 85, 86 GYPSEOUS MARL. | Clyde, Wayne. |

Names.	Associates and localities.
87 MARL (with red selenite),	Newark.
88 GYPSEOUS MARL.	Near Port Gibson, Monroe.
89 ARGILLACEOUS LIMESTONE.	Near Churchville, Monroe.
90 SELENITE (with decomposing iron pyrites).	Newark, Wayne.
91 GYPSUM,	Newark.
92 GYPSUM.	Allen's creek.
93, 94, 95 GYPSUM.	Leroy, Genesee.
96 GYPSUM (nodule),	Monroe county.
97 GRANULAR GYPSUM.	Allen's creek,
98 GYPSEOUS MARL (with selenite).	South of Bellisle, Onondaga.
99 GREY GYPSEOUS MARL,	
100 GREY ARGILLACEOUS LIMESTONE.	
101 GYPSEOUS SHALE.	Near Waterville, Oneida.
102 COMPACT LIMESTONE (with minute vermicular cavities).	Waterville.
103 COMPACT LIMESTONE (with minute cavities filled with conerctions).	Near Waterville.
104 GREY SHALE (with cavities made by crystals).	Near Jordan lake.
105 DARK SHALY LIMESTONE.	Near Waterville.
106 COMPACT LIMESTONE.	Near Waterville.
107 SHALY LIMESTONE.	Near Waterville.
108 GREY SHALE.	
109 GYPSEOUS MARL (with selenite).	Newark, Wayne.
110, 111 GYPSEOUS MARL.	Near Camillus, Onondaga.
112 SELENITE.	Near Camillus.
113 GYPSEOUS MARL (with selenite and marks of pseudomorphic crystals).	Near Camillus.
114 GYPSEOUS MARL (with marks of pseudomorphic crystals).	Camillus.
115, 116, 117 PSEUDOMORPHIC CRYSTALS of common salt.	Camillus.
118 PSEUDOMORPHIC CRYSTALS (with imperfect fossil shells on shale).	Lenox, Madison.
119 IMPERFECT PSEUDOMORPHIC CRYSTALS.	Brown's quarry.
120 GYPSEOUS SHALE (with marks of pseudomorphic crystals).	Bellisle.
121 GYPSEOUS SHALES (with marks of pseudomorphic crystals).	Lenox.

Names.	Associates and localities.
122 GYPSEOUS SHALES.	Near Camillus.
123 PSEUDOMORPHIC CRYSTAL of common salt.	Near Camillus.
124 GYPSEOUS SHALE (with pseudomorphic crystals).	Near Camillus.
125 DARK-COLORED SHALE.	
126 GREY SHALE.	Near Bellisle, Onondaga.
127, 128 DARK SHALE (with impression of marine plants).	Lenox.
129 GREY SHALE.	Chittenango, Madison.
130, 131, 132 SERPENTINE and LIMESTONE.	Syracuse.
133 SERPENTINE and LIMESTONE (polished).	Syracuse.
134 SERPENTINE and LIMESTONE.	Syracuse.
135 SERPENTINE (polished).	Syracuse.
136 - 143 SERPENTINE.	Syracuse.
144 SERPENTINE and LIMESTONE.	Syracuse.
145 SULPHATE OF STRONTIAN in gray marl.	Syracuse.
146 GRAY MARL (with crystals of sulphate of strontian).	Syracuse.
147 GRAY GYPSEOUS MARL.	Lenox, Madison.
148 GRAY SHALE (with impressions of fossil shells).	Lenox.
149 SHALE (with obscure fossil shells).	Lenox.
150 VESICULAR LIMESTONE.	Onondaga-hollow.
151 - 153 do	Lenox.
154 & 155 do	Port Byron.
156 do	Near Syracuse.
157 DARK SHALE.	Cherryvalley, Otsego.
158 LIMESTONE.	Chittenango, Madison.
159 LIMESTONE (with drusy cavities).	Oriskany-falls, Oneida.
160 GYPSEOUS MARL.	Cherryvalley, Otsego.
161 GRAY SHALY LIMESTONE.	Chittenango, Madison.
162 GYPSEOUS MARL (with calcareous incrustations).	Monroe county.
163 HYDRAULIC LIMESTONE (with cavities).	
164, 165 GRAY GYPSEOUS SHALE.	Chittenango.
166 GYPSEOUS MARL.	
167 NODULE OF GYPSUM.	Near Jamesville, Onondaga.
168 GYPSEOUS MARL (with seams of fibrous gypsum).	Phelps, Ontario.

- | Names. | Associates and localities. |
|--|-----------------------------|
| 169 SELENITE (with compact gypsum). | Phelps. |
| 170, 171, 172 GYPSEOUS MARL (with selenite). | Springport, Cayuga. |
| 173 LIMESTONE above gypsum beds. | Jamesville, Onondaga. |
| 174 GYPSEOUS MARL (with nodules of gypsum). | South of Chittenango. |
| 175, 176 COMPACT GYPSEOUS MARL. | |
| 177 GRAVEL cemented by gypsum. | Boring at Salina, Onondaga. |
| 178 GYPSEOUS SHALE. | |
| 179 COMPACT LIMESTONE (with vesicular cavities filled with crystalline matter). | Near Lanark's mill. |
| 180 COMPACT LIMESTONE (with zinc blende). | Near Lanark's mill. |
| 181 COMPACT LIMESTONE (with irregular cavities). | Near Lanark's mill. |
| 182, 183 HYDRAULIC LIMESTONE (with lignilites). | Near Lanark's mill. |
| 184 HYDRAULIC LIMESTONE (with obscure fossils). | Byron, Genesee. |
| 185, 186 HYDRAULIC LIMESTONE (with cherty nodules). | Near Camillus. |
| 187 COMPACT SHALY LIMESTONE. | Phelps, Ontario. |
| 188 CRYSTALLIZED GYPSUM (deposits from the salt-vats, ten specimens). | Syracuse, Onondaga. |
| 189 CALCAREOUS FORMATION having oolitic structure (deposits from salt-vats, four specimens). | Syracuse. |
| 190 OOLITE (deposits from salt-vats, three specimens). | Syracuse. |
| 191 CALCAREOUS MASS showing oolitic and pitted structure (deposits from salt-vats). | Syracuse. |

UPPER PART OF THE ONONDAGA-SALT GROUP CONTINUED IN THE WALL CASE
OF THE WATER-LIME GROUP.

- | | | |
|---------|----------------------|------------------------------------|
| 1, 2, 3 | HYDRAULIC LIMESTONE. | Allen's creek. |
| 4 | HYDRAULIC LIMESTONE. | Clarence-hollow. |
| 5 - 8 | do | Allen's creek. |
| 9 | do | Monroe county. |
| 10 | do | Caledonia, Livingston. |
| 11 | do | Near Lewiston, Niagara. |
| 12 | do | Allen's creek. |
| 13 & 14 | do | Williamsville, Erie. |
| 15 & 16 | do | Street farm, Caledonia, Livingston |

Names.	Associates and localities.
17 HYDRAULIC LIMESTONE.	Allen's creek.
18 do	Street farm, Caledonia.
19 do	Phelps, Ontario.
20 do	One mile east of Vienna, Oneida.
21 do	Near Vienna.
22 do	(with sulphate of strontian). Street farm.
23 do	Phelps, Ontario.
24 do	(partially burned). Phelps.
25 SHALY HYDRAULIC LIMESTONE.	
26 HYDRAULIC LIMESTONE (with nodule of chert).	Marcellus, Onondaga.
27, 28 HYDRAULIC LIMESTONE (with crystalline nodules).	Lanark's mills.
29 SHALY HYDRAULIC LIMESTONE.	
30 DARK-COLORED HYDRAULIC LIMESTONE.	Marcellus, Onondaga.
31 HYDRAULIC LIMESTONE.	Cherryvalley, Otsego.
32 HYDRAULIC LIMESTONE (dark colored).	Near Marcellus.
33 SHALY HYDRAULIC LIMESTONE.	Near Deansville, Oneida.
34 SHALY HYDRAULIC LIMESTONE (dark colored).	Near Deansville.
35 HYDRAULIC LIMESTONE.	Onondaga valley.
36 - 41 HYDRAULIC LIMESTONE (with fluor spar).	Manlius, Onondaga.
42 HYDRAULIC LIMESTONE.	Onondaga valley.
43 do	Cherryvalley, Otsego.
44 do	Phelps, Ontario.
45 GYPSEOUS SHALY LIMESTONE.	
46 HYDRAULIC LIMESTONE.	Near Lanark's mills.
47 do	(shaly). Oriskany falls, Oneida.
48 do	Chittenango, Madison.
49 do	Near Manlius, Onondaga.
50 do	(with anhydrite).
51 VESICULAR LIMESTONE.	Near Syracuse.
52 HYDRAULIC LIMESTONE.	East Steel's creek, Herkimer.
53 do	(upper part shaly, with crystals of baryta; three specimens). Phelps, Ontario.
54 do	(black, shaly upper layers). Phelps.

Names.	Associates and localities.
55 HYDRAULIC LIMESTONE (with lingulæ).	Cherryvalley, Otsego.
56 & 57 do	(vesicular). Oriskany, Oneida.
58 do	Below Jamesville, Onondaga.
59 do	(with cavities filled with crystalline matter). Near Jamesville.
60 & 61 do	(with crystals of magnesian carbonate of lime). Near Marcellus, Onondaga.
62 do	(with nodule of chert). Near Marcellus.
63 do	(with gypsum). Near Syracuse.

NEW-YORK SYSTEM (CONTINUED).

Name of Group.	Contained in	No. of Specimens.
13. WATERLIME GROUP.	Fifteenth table case. - - - -	58
14. PENTAMERUS LIMESTONE.	Sixteenth table case. - - - -	49
15. CATSKILL SHALY LIMESTONE.	Seventeenth table case. - - - -	42
16. ORISKANY SANDSTONE.	Eighteenth table case. - - - -	45
17. CAUDA-GALLI GRIT.	Nineteenth table case. - - - -	23
18. SCHOHARIE GRIT.	Twentieth table case. - - - -	41
19. ONONDAGA LIMESTONE.	Twenty-first table case. - - - -	67
20. CORNIFEROUS LIMESTONE.	Twenty-second table case. - - - -	54
21. MARCELLUS SHALE.	Twenty-third table case. - - - -	55
22. HAMILTON GROUP.	Twenty-fourth table case. - - - -	62
22. HAMILTON GROUP.	Twenty-fifth table case. - - - -	74
23. TULLY LIMESTONE.	Twenty-sixth table case. - - - -	29
24. GENESEE SLATE.	Twenty-seventh table case. - - - -	36
25. PORTAGE GROUP.	Twenty-eighth table case. - - - -	32
26. ITHACA GROUP.	Twenty-ninth table case. - - - -	50
27. CHEMUNG GROUP.	Thirtieth table case. - - - -	50
28. CATSKILL GROUP.	Thirty-first table case. - - - -	55
CONGLOMERATE.	Thirty-second table case. - - - -	16
CARBONIFEROUS SYSTEM (of Pennsylvania).	33d table case.	33
MISCELLANEOUS.	Thirty-fourth table case. - - - -	49
MISCELLANEOUS.	Thirty-fifth table case. - - - -	66
MISCELLANEOUS.	Thirty-sixth table case. - - - -	77
MISCELLANEOUS.	Thirty-seventh table case. - - - -	75

FIFTEEN WALL CASES unarranged specimens.

PALÆONTOLOGY OF NEW-YORK,

BY JAMES HALL.

PALÆONTOLOGY.

1. POTSDAM SANDSTONE.

PLANTS.

	Name.	Locality.	In the
1	1 SCOLITHUS LINEARIS (1 specimen).	- - - - -	Cabinet.

BRACHIOPODA.

2	1 LINGULA PRIMA(1).	Keeseville, Essex county.	Cabinet.
3	2 LINGULA ANTIQUA(2).	Hammond, St.Lawrence.	Cabinet.

2. CALCIFEROUS SANDSTONE.

PLANTS.

4	1 PALÆOPHYCUS TUBULARIS(4).	Canajoharie and Fortplain.	Cabinet.
5	2 PALÆOPHYCUS IRREGULARIS.	Near Keeseville. - - -	_____
6	1 BUTHOTREPHIS ANTIQUATA(1).	Chazy, Clinton. - - -	Cabinet.

BRACHIOPODA.

7	3 LINGULA ACUMINATA (in a boulder).		
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GASTEROPODA.

8	1 EUOMPHALUS UNIANGULATUS (plaster cast).	- - - -	Cabinet.
9	1 MACLUREA SORDIDA(2).	Mohawk valley. - - -	Cabinet.
10	2 MACLUREA MATUTINA.	Canajoharie, Montgomery.	
11	1 OPHELETA LEVATA(2).	Near Fortplain. - - -	Cabinet.
12	2 OPHELETA COMPLANATA(1).	Mohawk valley. - - -	Cabinet.
13	1 TURBO DILUCULA.	Middleville and Littlefalls.	
14	2 TURBO? OBSCURA(1).	Fortplain, Montgomery. -	Cabinet.
15	1 PLEUROTOMARIA? TURGIDA.	Saratoga county.	

CEPHALOPODA.

	Names.	Localities.	
16	1 ORTHOCERAS PRIMIGENIUM(1).	Near Fortplain.	- - Cabinet.
17	2 ORTHOCERAS LAQUEATUM(1).	- - - - -	- - Cabinet.

3. CHAZY LIMESTONE.

CORALS.

18	1 RETEPORA INCEPTA(1).	Chazy, Clinton.	- - Cabinet.
19	2 RETEPORA GRACILIS.	- - - - -	-----
20	1 GORGONIA? ASPERA.	Chazy.	
21	1 STICTOPORA FENESTRATA(1).	Chazy.	- - - - Cabinet.
22	2 STICTOPORA GLOMERATA.	Granville (Vermont).	
23	1 STREPTELASMA EXPANSA(2).	Chazy.	- - - - Cabinet.
24	1 CHÆTETES -----?(1).	Chazy.	- - - - Cabinet.

CRINOIDEA.

25	1 ACTINOCRINUS TENUIRADIATUS(1).	Chazy.	- - - - Cabinet.
26	2 ACTINOCRINUS? -----.	Near Chazy.	
27	1 ASTERIAS? -----.	Chazy.	

BRACHIOPODA.

28	1 LEPTÆNA PLICIFERA(1).	Chazy.	- - - - Cabinet.
29	2 LEPTÆNA INCRASSATA(3).	Chazy.	- - - - Cabinet.
30	3 LEPTÆNA FASCIATA(1).	Chazy.	- - - - Cabinet.
31	1 ORTHIS COSTALIS(1).		
32	1 ATRYPA DUBIA(1).	Chazy.	- - - - Cabinet.
33	2 ATRYPA ACUTIROSTRA.	Chazy.	- - - - -----
34	3 ATRYPA PLENA(1).	Chazy.	- - - - Cabinet.
35	4 ATRYPA PLICIFERA(1).	Chazy.	- - - - Cabinet.
36	5 ATRYPA ALTILIS(1).	Chazy.	- - - - Cabinet.
37	1 ORBICULA? DEFORMATA.	Chazy.	
38	1 METOPTOMA? DUBIA.	Chazy.	- - - - Cabinet.

CRUSTACEA.

39	1 ILLENUS ARCTURUS(1).	Chazy.	- - - - Cabinet.
40	2 ILLENUS CRASSICAUDA?(1).	Chazy.	- - - - Cabinet.

	Names.	Localities.	
41	1 ASAPHUS? OBTUSUS(1).	Chazy.	- - - - Cabinet.
42	2 ASAPHUS MARGINALIS.	Chazy.	- - - - _____
43	1 ISOTELUS GIGAS?(1).	Chazy.	- - - - Cabinet.
44	2 ISOTELUS CANALIS(1).	Chazy.	- - - - Cabinet.
45	1 CERAURUS? _____(1).	Chazy.	- - - - Cabinet.

GASTEROPODA.

46	3 MACLUREA MAGNA(8).	Chazy.	- - - - Cabinet.
47	1 SCALITES ANGULATUS(2).	Chazy.	- - - - Cabinet.
48	1 RAPHIPTOMA STRIATA(1).	Chazy.	- - - - Cabinet.
49	2 RAPHIPTOMA STAMINEA(1).	Chazy.	- - - - Cabinet.
50	3 RAPHIPTOMA PLANISTRIA(1).	Chazy.	- - - - Cabinet.
51	4 RAPHIPTOMA PLANISTRIA, <i>var.</i> PARVA.	Chazy.	- - - - _____
52	2 PLEUROTOMARIA BIANGULATA (fragment).	Chazy.	- - Cabinet.
53	3 PLEUROTOMARIA _____?	Chazy.	- - - - _____
54	4 PLEUROTOMARIA ANTIQUATA(1).	Chazy.	- - - - Cabinet.
55	1 CAPULUS AURIFORMIS.	Galway, Saratoga.	- _____
56	1 MURCHISONIA ABBREVIATA.	Chazy.	
57	1 BUCANIA SULCATINA(1).	Chazy.	- - - - Cabinet.
58	2 BUCANIA ROTUNDATA (a cast).	Chazy.	- - - - _____

CEPHALOPODA.

59	3 ORTHOCERAS RECTIANNULATUM(1).	Chazy.	- - - - Cabinet.
60	4 ORTHOCERAS SUBARCUATUM.	Chazy.	- - - - _____
61	5 ORTHOCERAS TENUISEPTUM(1).	Chazy.	- - - - Cabinet.
62	6 ORTHOCERAS BILINEATUM.	Near Albany.	
63	7 ORTHOCERAS MONILIFORME.	Chazy.	

4. BIRDSEYE LIMESTONE.

PLANTS ?

64	1 PHYTOPSIS TUBULOSUM(6).	Mohawk valley.	- Cabinet.
65	2 PHYTOPSIS CELLULOSUM(2).	Watertown & Mohawk valley.	Cabinet.

ACEPHALA.

66	1 MODIOLA? OBTUSA(1).	Watertown, Jefferson.	Cabinet.
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GASTEROPODA.

Names.	Localities.
67 2 MURCHISONIA? ANGUSTATA.	
68 3 MURCHISONIA VENTRICOSA(1).	Watertown, Jefferson. Cabinet.
69 4 MURCHISONIA PERANGULATA.	Watertown. - - - _____
70 5 MURCHISONIA VARICOSA(1).	Watertown. - - - Cabinet.
71 1 NATICA? _____.	Watertown.
72 5 PLEUROTOMARIA? NUCLEOLATA.	Watertown.
73 6 PLEUROTOMARIA QUADRICARINATA(1).	Watertown. - - Cabinet.
74 7 PLEUROTOMARIA UMBILICATA(4).	Watertown. - - - Cabinet.
75 8 PLEUROTOMARIA? NODULOSA(1).	Watertown. - - - Cabinet.
76 9 PLEUROTOMARIA? OBSOLETA(1).	Watertown. - - - Cabinet.

CRUSTACEA.

77 1 CYTHERINA (fragments).	Watertown. - - - Cabinet.
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CEPHALOPODA.

78 8 ORTHOCERAS MULTICAMERATUM(1).	Watertown. - - - Cabinet.
79 9 ORTHOCERAS RECTICAMERATUM.	Watertown.

CORALS OF THE BIRDSEYE AND BLACK-RIVER LIMESTONES.

80 1 COLUMNARIA ALVEOLATA(3).	Mohawk valley. - - Cabinet.
81 1 STROMATOCERIUM RUGOSUM.	Watertown, Chazy, &c. _____
82 2 CHÆTETES LYCOPERDON?	Watertown.
83 2 STREPTELASMA PROFUNDA(6).	East-Canada creek. Cabinet.
84 3 STICTOPORA LABYRINTHICA(1).	Chazy. - - - - Cabinet.
85 4 STICTOPORA RAMOSA.	Watertown. - - - _____

CEPHALOPODA.

86 1 LITUITES UNDATA (plaster cast).	Watertown. - - - Cabinet.
87 2 LITUITES CONVOLVANS?(1).	Watertown. - - - Cabinet.
88 1 GONIOCERAS ANCEPS(1).	Watertown. - - - Cabinet.
89 1 ORMOCERAS TENUIFILUM(4).	Watertown. - - - Cabinet.
90 2 ORMOCERAS TENUIFILUM, <i>var.</i> DISTANS.	Watertown.
91 3 ORMOCERAS? GRACILE.	Watertown.
92 1 ENDOCERAS SUBCENTRALE.	Watertown. - - - _____
93 2 ENDOCERAS LONGISSIMUM.	Watertown.
94 3 ENDOCERAS MULTITUBULATUM.	Watertown.

	Names.	Localities.
95	4 ENDOCERAS GEMELLIPARUM.	Henderson's bay.
96	10 ORTHOCERAS FUSIFORME(1).	Watertown. - - - Cabinet.

5. TRENTON LIMESTONE.

PLANTS.

97	2 BUTHOTREPHIS GRACILIS(1).	Jacksonburgh, Herkimer. Cabinet.
98	3 BUTHOTREPHIS SUCCULENS.	Glensfalls.
99	3 PALÆOPHYCUS RUGOSUS(1).	Below Prospect hill. Cabinet.
100	4 PALÆOPHYCUS SIMPLEX(1).	Middleville, Herkimer. Cabinet.

CORALS.

101	2 CHÆTETES LYCOPERDON(9).	Various places. - - Cabinet.
102	3 CHÆTETES RUGOSUS.	Middleville.
103	4 CHÆTETES COLUMNARIS.	Sugar river.
104	1 RECEPTACULITES NEPTUNIL.	Carlisle (Pennsylvania).
105	3 STREPTELASMA CORNICULUM(1).	Middleville. - - - Cabinet.
106	4 STREPTELASMA CRASSA.	Near Middleville.
107	5 STREPTELASMA MULTILAMELLOSA(1).	Watertown. - - Cabinet.
108	6 STREPTELASMA PARVULA(1).	Middleville. - - - Cabinet.
109	1 PORITES? VETUSTA.	Watertown.
110	1 ——— CYATHIFORMIS.	Carlisle (Pennsylvania).
111	1 ESCHAROPORA RECTA(1).	Jacksonburgh. - - Cabinet.
112	2 ESCHAROPORA RECTA, <i>var.</i> NODOSA.	
113	5 STICTOPORA? ACUTA.	Lowville, Lewis. - ———
114	6 STICTOPORA ELEGANTULA.	Middleville. - - - ———
115	2 GORGONIA PERANTIQUA.	Near Middleville.
116	1 AULOPORA ARACHNOIDEA.	Ohio and Kentucky.
117	1 ALECTO INFLATA.	Trenton falls, Oneida.
118	1 INTRICARIA? RETICULATA(1).	Watertown. - - - Cabinet
119	3 RETEPORA? FOLIACEA.	Lowville.
120	1 STELLIPORA ANTHELOIDEA.	Lowville.
121	1 GRAPTOLITES AMPLEXICAULE.	Trenton falls, etc.

CRINOIDEA.

	Names.	Localities.
122	1 SCHIZOCRINUS NODOSUS(3).	Glensfalls and Middleville.Cabinet.
123	1 POTERIOCRINUS ALTERNATUS (fragment).	- - - - -
124	2 POTERIOCRINUS GRACILIS.	Middleville.
125	1 SCYPHOCRINUS HETEROCOSTALIS.	Middleville.
126	2 SCHIZOCRINUS ———?(1).	Sugar river, Lewis. Cabinet.
127	1 ECHINO-ENCRINITES ANATIFORMIS.	Turin, Lewis. - - ———
128	2 ASTERIAS MATUTINA.	Trenton falls.
129	1 TENTACULITES? FLEXUOSA.	Lowville.

BRACHIOPODA.

130	4 LINGULA ATTENUATA?	Middleville, etc.
131	5 LINGULA RICINIFORMIS(2).	Middleville. - - - Cabinet.
132	6 LINGULA ÆQUALIS(1).	Middleville, etc. - Cabinet.
133	7 LINGULA QUADRATA(1).	Lewis county. - - Cabinet.
134	8 LINGULA ELONGATA.	Lewis county.
135	9 LINGULA CURTA.	Middleville, etc.
136	10 LINGULA OBTUSA(1).	Middleville. - - - Cabinet.
137	11 LINGULA CRASSA(1).	- - - - - Cabinet.
138	2 ORBICULA? FILOSA(1).	Middleville. - - - Cabinet.
139	3 ORBICULA LAMELLOSA.	Middleville.
140	4 ORBICULA (TREMATIS) TERMINALIS(1).	Middleville. - Cabinet.
141	4 LEPTÆNA ALTERNATA(8).	Middleville and Watertown.Cabinet.
142	5 LEPTÆNA CAMERATA(1).	Trenton falls. - - Cabinet.
143	6 LEPTÆNA DELTOIDEA(2).	Middleville and Trenton falls.Cabinet.
144	7 LEPTÆNA TENUISTRIATA(1).	Middleville, etc. - Cabinet.
145	8 LEPTÆNA ALTERNISTRIATA.	Cincinnati, Ohio. - ———
146	9 LEPTÆNA SERICEA(4).	Middleville and Lowville.Cabinet.
147	10 LEPTÆNA FILITEXTA(2).	Middleville. - - - Cabinet.
148	11 LEPTÆNA PLANUMBONA.	Cincinnati, Ohio. - ———
149	12 LEPTÆNA DEFLECTA.	Mineral point (Wisconsin).
150	13 LEPTÆNA RECTA.	Mineral point.
151	14 LEPTÆNA PLANOCONVEXA.	Cincinnati (Ohio). - ———
152	15 LEPTÆNA TENUILINEATA.	

Names.	Localities.
153 16 LEPTÆNA SUBTENTA.	Trenton falls?
154 17 LEPTÆNA ———.	
155 2 ORTHIS TESTUDINARIA(3).	Middleville. - - - Cabinet.
156 3 ORTHIS SUBÆQUATA.	Mineral point (Wisconsin).
157 4 ORTHIS BELLA-RUGOSA.	
158 5 ORTHIS DISPARILIS.	Mineral point (Wisconsin).
159 6 ORTHIS PERVETA.	Mineral point.
160 7 ORTHIS ÆQUIVALVIS.	Middleville?
161 8 ORTHIS FISSICOSTA.	Near Cincinnati (Ohio).
162 9 ORTHIS TRICENARIA.	Middleville. - - - ———
163 10 ORTHIS PlicateLLA.	- - - - - - - ———
164 11 ORTHIS PECTINELLA(3).	Sugar river, Lewis. Cabinet.
165 12 ORTHIS PECTINELLA, <i>var.</i> SEMIOVALIS(1).	Turin, etc. Cabinet.
166 13 ORTHIS INSCULPTA.	Watertown, etc.
167 14 ORTHIS DICHOTOMA.	Cincinnati (Ohio).
168 15 ORTHIS SUBQUADRATA.	Cincinnati and Oxford (Ohio). ———
169 16 ORTHIS OCCIDENTALIS(3).	Cincinnati and Oxford. Cabinet.
170 17 ORTHIS SINUATA.	Cincinnati and Oxford. ———
171 18 ORTHIS SUBJUGATA.	Cincinnati and Oxford. ———
172 1 DELTHYRIS LYNX(7).	Trenton falls, Oneida. Cabinet.
173 6 ATRYPA EXTANS(1).	Watertown, Jefferson. Cabinet.
174 7 ATRYPA NUCLEUS.	Middleville, Herkimer.
175 8 ATRYPA CUSPIDATA(3).	Lowville, Lewis. - Cabinet.
176 9 ATRYPA BISULCATA.	Adams, Jefferson. - ———
177 10 ATRYPA DEFLECTA.	Near Martinsburgh, Lewis.
178 11 ATRYPA RECURVIROSTRA(1).	Martinsburgh. - - Cabinet.
179 12 ATRYPA EXIGUA.	Lowville.
180 13 ATRYPA MODESTA(1).	Cincinnati and Oxford (Ohio). Cabinet.
181 14 ATRYPA CIRCULUS.	Middleville, Herkimer.
182 15 ATRYPA AMBIGUA.	Middleville.
183 16 ATRYPA HEMIPlicATA(3).	Middleville. - - - Cabinet.
184 17 ATRYPA ———.	Middleville.
185 18 ATRYPA SUBTRIGONALIS.	Turin, Lewis.

	Names.	Localities.
186 19	ATRYPA INCREBESCENS(4).	Middleville. - - - Cabinet.
187 20	ATRYPA DENTATA.	Turin.
188 21	ATRYPA SORDIDA.	

ACEPHALA.

189 1	NUCULA LEVATA(3).	Middleville and Lowville. Cabinet.
190 2	NUCULA POSTSTRIATA.	Carlisle (Pennsylvania).
191 1	TELLINOMYA NASUTA (1 and a cast).	Middleville. - - Cabinet.
192 2	TELLINOMYA SANGUINOLAROIDEA (plaster cast).	- - - Cabinet.
193 3	TELLINOMYA GIBBOSA (1 and a plaster cast).	Middleville. Cabinet.
194 4	TELLINOMYA DUBIA(2).	Middleville, etc. - Cabinet.
195 5	TELLINOMYA ANATINIFORMIS(1).	Watertown. - - - Cabinet.
196 1	CARDIOMORPHA VETUSTA.	Middleville.
197 1	EDMONDIA VENTRICOSA(2).	Lowville. - - - Cabinet.
198 2	EDMONDIA SUBTRUNCATA.	Watertown. - - - _____
199 3	EDMONDIA? SUBANGULATA(1).	Watertown. - - - Cabinet.
200 1	MODIOLOPSIS MYTILOIDES(1).	Middleville. - - - Cabinet.
201 2	MODIOLOPSIS PARALLELA.	
202 3	MODIOLOPSIS FABA(3).	Middleville and Watertown. Cabinet.
203 4	MODIOLOPSIS NASUTUS(1).	Carlisle (Pennsylvania). Cabinet.
204 5	MODIOLOPSIS ARCUATUS.	Herkimer. - - - _____
205 6	MODIOLOPSIS SUBSPATULATUS.	Watertown.
206 7	MODIOLOPSIS LATUS.	Watertown.
207 8	MODIOLOPSIS CARINATUS.	Middleville.
208 9	MODIOLOPSIS AVICULOIDES.	Middleville.
209 10	MODIOLOPSIS? TRENTONENSIS.	
210 1	AVICULA TRENTONENSIS(2).	Middleville. - - - Cabinet.
211 2	AVICULA ELLIPTICA.	Middleville.
212 1	AMBONYCHIA BELLISTRIATA (plaster cast).	Trenton falls. Cabinet.
213 2	AMBONYCHIA ORBICULARIS(1).	Watertown. - - - Cabinet.
214 3	AMBONYCHIA AMYGDALINA (plaster cast).	Adams. - Cabinet.
215 4	AMBONYCHIA UNDATA(1).	Watertown. - - - Cabinet.
216 5	AMBONYCHIA OBTUSA (plaster cast).	Watertown. - - Cabinet.
217 6	AMBONYCHIA? _____.	Middleville.

GASTEROPODA.		Localities.
Names.		
218	1 HOLOPEA SYMMETRICA.	Middleville. - - - ———
219	2 HOLOPEA OBLIQUA(2).	Watertown. - - - Cabinet.
220	3 HOLOPEA PALUDINIFORMIS(1).	Watertown. - - - Cabinet.
221	4 HOLOPEA VENTRICOSA (plaster cast).	Middleville. - - - Cabinet.
222	10 PLEUROTOMARIA SUBTILISTRIATA.	Watertown.
223	11 PLEUROTOMARIA LENTICULARIS(2).	Watertown. - - - Cabinet.
224	12 PLEUROTOMARIA ROTULOIDES.	Middleville.
225	13 PLEUROTOMARIA SUBCONICA (plaster cast).	Watertown. Cabinet.
74	7 PLEUROTOMARIA UMBILICATA.	Lowville and Adams. ———
226	14 PLEUROTOMARIA INDENTA(1).	Watertown. - - - Cabinet.
227	15 PLEUROTOMARIA AMBIGUA (plaster cast).	Adams. - - - Cabinet.
228	16 PLEUROTOMARIA PERCARINATA (plaster cast).	Middleville. Cabinet.
229	6 MURCHISONIA BICINCTA(2).	Lowville and Watertown. Cabinet
230	7 MURCHISONIA TRICARINATA.	Mineral point (Wisconsin).
231	8 MURCHISONIA PERANGULATA.	Middleville. - - - ———
232	9 MURCHISONIA UNIANGULATA.	Middleville.
233	10 MURCHISONIA BELLICINCTA(2).	Middleville, Turin, etc. Cabinet
234	11 MURCHISONIA SUBFUSIFORMIS (1 and a cast).	Lowville. Cabinet.
235	12 MURCHISONIA VITTATA.	Adams. - - - - ———
236	13 MURCHISONIA GRACILIS(2).	Middleville. - - - Cabinet.
237	1 SUBULITES ELONGATA(2).	Watertown. - - - Cabinet.
238	1 CARINAROPSIS CARINATA.	Middleville and Trenton.
239	2 CARINAROPSIS PATELLIFORMIS.	Middleville. - - - ———
240	1 BELLEROPHON BILOBATUS(2).	Trenton falls & Middleville. Cabinet.
241	2 BELLEROPHON BILOBATUS, var. ACUTUS.	Trenton falls. ———
242	3 BELLEROPHON BILOBATUS, var. CORRUGATUS.	Trenton falls. ———
243	3 BUCANIA EXPANSA (plaster cast).	Watertown. - - - Cabinet.
244	4 BUCANIA BIDORSATA.	Watertown. - - - ———
245	5 BUCANIA PUNCTIFRONS(2).	Middleville. - - - Cabinet.
246	1 CYRTOLITES COMPRESSUS(3).	Middleville. - - - Cabinet.
247	2 CYRTOLITES TRENTONENSIS.	Mohawk valley. - - - ———
248	3 CYRTOLITES FILOSUM (plaster cast).	Watertown. - - - Cabinet.

CEPHALOPODA.

	Names.	Localities.	
249	1 TROCHOLITES AMMONIUS(1).	Middleville.	- - - Cabinet.
250	1 CYRTOCERAS LAMELLOSUM.	Middleville.	
251	2 CYRTOCERAS ANNULATUM.	Middleville.	- - - _____
252	3 CYRTOCERAS MACROSTOMUM (plaster cast).	Wisconsin.	Cabinet.
253	4 CYRTOCERAS CONSTRICTOSTRIATUM.	Middleville.	
254	5 CYRTOCERAS MULTICAMERATUM.	Middleville.	- - - _____
255	6 CYRTOCERAS ARCUATUM.	Middleville.	
256	7 CYRTOCERAS CAMURUM.	Middleville.	
257	1 ONCOCERAS CONSTRICTUM(2).	Watertown.	- - - Cabinet.
258	11 ORTHOCERAS ARCUOLIRATUM(2).	Watertown.	- - - Cabinet.
259	12 ORTHOCERAS TERETIFORME(1).	Watertown.	- - - Cabinet.
260	13 ORTHOCERAS TEXTILE.	Watertown.	
261	14 ORTHOCERAS BILINEATUM(1).	Middleville.	- - - Cabinet.
262	15 ORTHOCERAS BILINEATUM, <i>var. a.</i>	Middleville, etc.	
263	16 ORTHOCERAS CLATHRATUM.	Middleville.	
264	17 ORTHOCERAS VERTEBRALE.	Middleville.	
265	18 ORTHOCERAS ANELLUM.	Middleville, etc.	
266	19 ORTHOCERAS UNDULOSTRIATUM.	Middleville.	
267	20 ORTHOCERAS _____.	Middleville.	
268	21 ORTHOCERAS LATIANNULATUM.	Middleville.	
269	22 ORTHOCERAS JUNCEUM.	Watertown.	- - - _____
270	23 ORTHOCERAS AMPLICAMERATUM.	Middleville.	- - - _____
271	24 ORTHOCERAS STRIGATUM.	Middleville.	
	17 2 ORTHOCERAS LAQUEATUM.	Watertown & Middleville.	
272	25 ORTHOCERAS LAQUEATUM, <i>var. a.</i>	Middleville.	
273	5 ENDOCERAS ANNULATUM.	Watertown.	
274	6 ENDOCERAS PROTEIFORME, <i>var. TENUISTRIATUM(1).</i>	-	Cabinet.
275	7 ENDOCERAS PROTEIFORME, <i>var. TENUITEXTUM(1).</i>	-	Cabinet.
276	8 ENDOCERAS PROTEIFORME, <i>var. LINEOLATUM(1).</i>	-	Cabinet.
277	9 ENDOCERAS PROTEIFORME, <i>var. STRANGULATUM(1).</i>	-	Cabinet.
278	10 ENDOCERAS PROTEIFORME, <i>var. ELONGATUM(1).</i>	-	Cabinet.

These five varieties of ENDOCERAS PROTEIFORME were all obtained in Middleville, Herkimer county.

	Names.	Localities.
279	11 ENDOCERAS ARCTIVENTRUM.	Middleville.
280	12 ENDOCERAS ANGUSTICAMERATUM.	Middleville.
281	13 ENDOCERAS MAGNIVENTRUM(1).	Near Middleville. - Cabinet.
282	14 ENDOCERAS MAGNIVENTRUM, <i>var.</i>	Near Middleville.
283	15 ENDOCERAS APPROXIMATUM.	Near Middleville.
284	16 ENDOCERAS DUPLICATUM(1).	Near Middleville. - Cabinet.
285	17 ENDOCERAS DISTANS.	Turin, Lewis.
286	1 CAMEROCERAS TRENTONENSE.	Middleville. - - - ———
89	1 ORMOCERAS TENUIFILUM?	Turin, etc.
287	1 CONULARIA TRENTONENSIS(1).	Middleville. - - - Cabinet.
288	2 CONULARIA GRANULATA.	Middleville, etc.
289	3 CONULARIA PAPILLATA.	Near Middleville.
290	4 CONULARIA GRACILE.	Near Middleville.

CRUSTACEA OF THE BIRDSEYE AND TRENTON LIMESTONES,
HUDSON-RIVER GROUP, AND UTICA SLATE.

291	1 OGYGIA? VETUSTA.	Mohawk valley.
292	3 ASAPHUS EXTANS(1).	Lowville. - - - Cabinet.
293	1 CALYMENE MULTICOSTA(1).	Isle Lamotte. - - - Cabinet.
40	2 ILLÆNUS CRASSICAUDA.	Carlisle (Pennsylvania).———
294	3 ILLÆNUS TRENTONENSIS.	Hogansburgh, Franklin.———
295	4 ILLÆNUS LATIDORSATA.	Near Watertown.
43	1 ISOTELUS GIGAS (several imperfect specimens).	Middleville. Cabinet.
296	1 PLATYNOTUS TRENTONENSIS (plaster cast).	Middleville, etc. Cabinet.
297	2 CALYMENE BECKII(4).	Middleville. - - - Cabinet.
298	3 CALYMENE SENARIA(2).	Middleville. - - - Cabinet.
299	1 ACIDASPIS TRENTONENSIS.	Bay of Quinty.
300	2 ACIDASPIS SPINIGER.	Mohawk valley.
301	2 CERAURUS PLEUREXANTHEMUS (fragments).	Middleville. Cabinet.
302	3 CERAURUS VIGILANS.	Middleville. - - - ———
303	4 CERAURUS? PUSTULOSUS.	Watertown.
304	1 PHACOPS CALLICEPHALUS.	Middleville & Watertown.
305	2 PHACOPS? LATICAUDUS.	Turin.

	Names.	Localities.
306	4 ASAPHUS NODOSTRIATUS(1).	Watertown. - - - Cabinet.
307	1 TRINUCLEUS CONCENTRICUS(2).	Lorraine, etc. - - Cabinet.
308	4 CALYMENE ———.	Canajoharie.
309	5 ASAPHUS? LATIMARGINATA.	Watertown.
310	1 OLENUS ASAPHOIDES.	Greenwich, Washington.
311	2 OLENUS UNDULOSTRIATUS.	Snakehill, Saratoga. ———
312	1 AGNOSTUS LOBATUS.	Troy, Rensselaer. - ———
313	1 THALEOPS (ILLENUS) OVATUS.	Mineral point (Wisconsin).

6. HUDSON-RIVER GROUP.

PLANTS.

314	1 SPHENOTHALLUS ANGUSTIFOLIUS.	Mohawk valley.
315	2 SPHENOTHALLUS LATIFOLIUS(6).	Schoharie. - - - Cabinet.
316	4 BUTHOTREPHIS SUBNODOSA.	Turin, Lewis. - - ———
317	5 BUTHOTREPHIS? FLEXUOSA.	Jackson, Washington. ———
318	5 PALÆOPHYCUS VIRGATUS(1).	Union, Washington. Cabinet.
319	6 PALÆOPHYCUS ———?(1).	Rome, Oneida. - - Cabinet.
320	1 GORDIA MARINA.	Jackson, Washington. ———

CORALS.

321	2 GRAPTOLITHUS PRISTIS(1).	Turin, Lorraine, etc. Cabinet.
322	3 GRAPTOLITHUS SECALINUS(1).	Hoosick slate quarries. Cabinet.
323	4 GRAPTOLITHUS MUCRONATUS(1).	Near Albany. - - Cabinet.
324	5 GRAPTOLITHUS BICORNIS(2).	Albany. - - - - Cabinet.
325	6 GRAPTOLITHUS RAMOSUS(1).	Albany. - - - - Cabinet.
326	7 GRAPTOLITHUS SCALARIS(1).	West-Canada creek & Albany. Cabinet.
327	8 GRAPTOLITHUS SAGITARIUS(1).	Albany. - - - - Cabinet.
328	9 GRAPTOLITHUS TENUIS(1).	Albany. - - - - Cabinet.
329	10 GRAPTOLITHUS SEXTANS(1).	Albany. - - - - Cabinet.
330	11 GRAPTOLITHUS FURCATUS.	Normanskill near Albany.
331	12 GRAPTOLITHUS SERRATULUS.	Normanskill.
332	13 GRAPTOLITHUS GRACILIS(1).	Albany. - - - - Cabinet.

	Names.	Localities.	
333	14 GRAPTOLITHUS LÆVIS.	Turin, Lewis.	
334	1 FAVISTELLA STELLATA.	Madison (Indiana).	————
101	2 CHÆTETES LYCOPERDON.	Turin, etc. - - -	————

CRINOIDEA.

335	1 DISCOPHYLLUM PELTATUM.	Near Troy, Rensselaer.	
336	1 <i>Undetermined</i> .	Turin, Pulaski, Loraine, etc.	
337	1 HETEROCRINUS HETERODACTYLUS (columns on a fragment of slate).	Near Rome, Oneida.	Cabinet.
338	2 HETEROCRINUS SIMPLEX.	Cincinnati (Ohio).	
339	3 HETEROCRINUS? GRACILIS.	Snakehill, Saratoga.	————
340	1 GLYPTOCRINUS DECADACTYLUS (columns on a fragment of slate).	Turin, Rome, etc.	Cabinet.
129	1 TENTACULITES FLEXUOSA.	Turin. - - - -	Cabinet.

BRACHIOPODA.

133	7 LINGULA QUADRATA(1).	Loraine, Jefferson.	Cabinet.
141	4 LEPTÆNA ALTERNATA(4).	Pulaski, Oswego.	Cabinet.
146	9 LEPTÆNA SERICEA(1).	Turin, Lewis.	Cabinet.
155	2 ORTHIS TESTUDINARIA(1).	Turin, Pulaski, etc.	Cabinet.
341	19 ORTHIS? ERRATICA(2).	In southern counties.	Cabinet.
342	20 ORTHIS CENTRILINEATA.	Loraine. - - - -	————
186	19 ATRYPA INCREBESCENS(1).	Turin. - - - -	Cabinet.
343	5 ORBICULA? SUBTRUNCATA.	Loraine. - - - -	————
344	6 ORBICULA? CRASSA.	Near Troy.	
345	7 ORBICULA CÆLATA.	Near Troy.	

ACEPHALA.

346	3 AVICULA INSUETA(1).	Canajoharie. - - -	Cabinet.
347	4 AVICULA DEMISSA.	Near Rome, Oneida.	————
348	5 AVICULA? DESQUAMATA.	Near Troy.	
349	7 AMBONYCHIA RADIATA(3).	Pulaski and Turin.	Cabinet.
350	8 AMBONYCHIA CARINATA.		
351	11 MODIOLOPSIS MODIOLARIS(3).	Loraine, Pulaski, etc.	Cabinet.
352	12 MODIOLOPSIS TRUNCATUS.	Near Rome.	

	Names.	Localities.
203	4 MODIOLOPSIS NASUTUS(1).	Pulaski. - - - - Cabinet.
353	13 MODIOLOPSIS CURTA.	Lorraine. - - - - ———
354	14 MODIOLOPSIS ———.	Cincinnati (Ohio).
355	15 MODIOLOPSIS ANODONTOIDES.	Pulaski. - - - - ———
202	3 MODIOLOPSIS FABA.	Pulaski. - - - - ———
356	16 MODIOLOPSIS? NUCULIFORMIS.	Turin.
357	1 ORTHONOTA PHOLADIS.	Pulaski.
358	2 ORTHONOTA PARALLELA.	Pulaski. - - - - ———
359	3 ORTHONOTA CONTRACTA.	Cincinnati (Ohio).
360	1 CLEIDOPHORUS PLANULATUS.	Lorraine. - - - - ———
190	2 NUCULA? POSTSTRIATA.	Lorraine and Pulaski. ———
361	1 LYRODESMA PLANA.	Near Rome.
362	2 LYRODESMA PULCHELLA.	Turin, etc.

GASTEROPODA.

236	13 MURCHISONIA GRACILIS.	Lorraine. - - - - ———
363	14 MURCHISONIA UNIANGULATA, <i>var.</i> ABBREVIATA.	Near Rome. ———
225	13 PLEUROTOMARIA SUBCONICA.	Pulaski. - - - - ———
364	17 PLEUROTOMARIA? BILIX(2).	Indiana and Ohio. - Cabinet.
365	18 PLEUROTOMARIA ———(2).	Coldspring, Montgomery. Cabinet.
366	2 METOPTOMA? RUGOSA.	Near Troy, Rensselaer.
239	2 CARINAROPSIS PATELLIFORMIS.	Pulaski, Oswego. - ———
367	3 CARINAROPSIS ORBICULATUS.	Waterford, Saratoga. ———
240	1 BELLEROPHON BILOBATUS.	Turin, Lorraine, etc. ———
368	4 BELLEROPHON CANCELLATUS(1).	Lorraine. - - - - Cabinet.
369	4 CYRTOLITES ORNATUS(1).	Turin, Pulaski, etc. Cabinet.

CEPHALOPODA.

249	1 TROCHOLITES AMMONIUS(2).	Canajoharie, Montgomery. Cabinet.
370	2 TROCHOLITES PLANORBIFORMIS(1).	Pulaski, Oswego. - Cabinet.
371	18 ENDOCERAS PROTEIFORME?(3).	Turin, Lewis. - - - Cabinet.
372	26 ORTHOCERAS ———.	Turin.
373	27 ORTHOCERAS CORALLIFERUM(2).	Turin and Pulaski. - Cabinet.
374	28 ORTHOCERAS LAMELLOSUM(1).	Turin, etc. - - - Cabinet.

	Names.	Localities.
375	2 ORMOCERAS CREBRISEPTUM(1).	Turin. - - - - Cabinet.
376	1 THECA? TRIANGULARIS.	Near Waterford.
377	9 AMBONYCHIA MYTILOIDEA.	Chazy.
378	2 SCHIZOCRINUS STRIATUS.	Middleville.
379	3 NUCULA? DONACIFORMIS.	
380	6 BUCANIA INTEXTA.	Near Waterford

7. MEDINA SANDSTONE.

PLANTS.

382	1 ARTHROPHYCUS HARLANI.	Medina, Lockport, etc. Cabinet.
383	2 ARTHROPHYCUS ———?	Medina and Lockport.
384	2 SCOLITHUS VERTICALIS.	Monroe county. - - Cabinet.
385	7 PALÆOPHYCUS TORTUOSUS.	Mouth of Genesee river. Cabinet.
386	1 DICTUOLITES BECKII(1).	Medina. - - - - Cabinet.
387	5 CHÆTETES ———?	Lockport.

BRACHIOPODA.

388	12 LINGULA CUNEATA.	Medina, Lockport, etc. Cabinet.
389	22 ATRYPA OBLATA.	Lockport.
390	23 ATRYPA FLICATA.	Lockport.
391	17 MODIOLOPSIS ORTHONOTA.	Medina and Lockport. ———
392	18 MODIOLOPSIS? PRIMIGENIUS.	Medina and Lockport. Cabinet.
393	19 PLEUROTOMARIA? PERVETUSTA(2).	Medina and Lockport. Cabinet.
394	20 PLEUROTOMARIA LITOREA.	Lockport.
395	15 MURCHISONIA? CONOIDEA.	Lockport.
396	7 BUCANIA TRILOBATUS.	Medina.
397	2 ONCOCERAS GIBBOSUM.	Lockport.
398	26 ORTHOCERAS ———.	Lockport.
399	27 ORTHOCERAS MULTISEPTUM.	Lockport and Medina. ———
400	2 CYTHERINA CYLINDRICA.	Medina.

8. CLINTON GROUP.

PLANTS.

Names.	Localities.
401 6 BUTHOTREPHIS GRACILIS(1).	New-Hartford. - - Cabinet.
402 7 BUTHOTREPHIS GRACILIS, <i>var.</i> INTERMEDIA.	New-Hartford.
403 8 BUTHOTREPHIS GRACILIS, <i>var.</i> CRASSA.	Oneida county, etc.
404 9 BUTHOTREPHIS GRACILIS?	
405 10 BUTHOTREPHIS PALMATA(1).	- - - - - Cabinet.
406 11 BUTHOTREPHIS IMPUDICA(1).	New-Hartford. - - Cabinet.
407 12 BUTHOTREPHIS RAMOSA(1).	New-Hartford. - - Cabinet.
408 8 PALÆOPHYCUS? STRIATUS.	Clinton.
409 9 PALÆOPHYCUS ———?	New-Hartford.
410 10 PALÆOPHYCUS ———?	New-Hartford.
411 1 RUSOPHYCUS CLAVATUS.	New-Hartford.
412 2 RUSOPHYCUS SUBANGULATUS.	New-Hartford.
413 3 RUSOPHYCUS PUDICUS.	New-Hartford.
414 4 RUSOPHYCUS BILOBATUS(4).	Near New-Hartford. Cabinet.
415 1 ICHNOPHYCUS TRIDACTYLUS.	New-Hartford.
TRACKS of marine animals (three specimens).	- - - Cabinet.

CORALS.

416 15 GRAPTOLITHUS CLINTONENSIS(1).	Sodus, Williamson, etc. Cabinet.
417 16 GRAPTOLITHUS VENOSUS.	Below Rochester.
101 2 CHÆTETES LYCOPERDON.	Sodus, Rochester, etc. Cabinet
418 2 FAVISTELLA FAVOSIDEA.	Rochester, etc.
419 1 CANINIA BILATERALIS(1).	Lockport, Rochester, etc. Cabinet.
420 1 CYCLOLITES ROTULOIDES.	Near Clinton village.
421 1 CANNAPORA JUNCIFORMIS.	Ontario, Rochester, etc.
422 1 CATENIPORA ESCHAROIDES(1).	Clinton, Oneida. - Cabinet.
423 1 HELOPORA FRAGILIS.	Rochester, Lockport, etc.
424 7 STICTOPORA CRASSA.	Wayne county, etc.
425 8 STICTOPORA RARIPORA.	Rochester.
426 1 PHÆNOPORA EXPLANATA.	Probably at Lockport.
427 2 PHÆNOPORA CONSTELLATA.	Wayne county.

	Names.	Localities.
428	3 PHÆNOPORA ENSIFORMIS.	Flamborough head (Canada West).
429	1 RHINOPORA VERRUCOSA.	Flamborough head.
430	2 RHINOPORA TUBULOSA.	Sodus, etc.
431	4 RETEPORA ANGULATA.	Sodus and Rochester.
432	1 FENESTELLA PRISCA?(1).	Ontario, Rochester, etc. Cabinet.
433	2 FENESTELLA TENUIS.	Wayne county.

BRACHIOPODA.

434	13 LINGULA OBLONGA(2).	Martville, Cayuga. - Cabinet.
435	14 LINGULA OBLATA.	Sodus and Wolcott.
436	15 LINGULA PEROVATA.	Rochester.
437	16 LINGULA LAMELATA.	Near Clinton village.
438	17 LINGULA ACUTIROSTRA.	
439	21 ORTHIS CIRCULUS.	Niagara county.
440	22 ORTHIS ELEGANTULA? var.	Sodus.
441	23 ORTHIS TRINUCLEUS.	Wayne county.
442	24 ORTHIS TENUIDENS.	New-Hartford.
446	9 LEPTÆNA SERICEA.	Rochester and Sodus. Cabinet.
443	18 LEPTÆNA CORRUGATA.	Rochester, etc.
444	19 LEPTÆNA PATENTA.	Medina.
445	20 LEPTÆNA PROFUNDA.	Lockport.
446	21 LEPTÆNA OBSCURA.	Kirkland, Oncida.
447	22 LEPTÆNA ORTHIDIDEA.	Kirkland.
448	23 LEPTÆNA DEPRESSA.	Kirkland, etc.
449	1 STROPHODONTA PRISCA.	Kirkland.
450	1 CHONETES CORNUTA.	Sodus.
172	1 SPIRIFER BIFORATUS, var. LYNX.	Rochester, etc.
451	2 SPIRIFER ———.	Sodus.
452	3 SPIRIFER RADIATUS.	Wayne and Niagara counties.
453	24 ATRYPA CONGESTA.	Rochester, Medina, etc.
454	25 ATRYPA QUADRICOSTATA.	Lockport.
455	26 ATRYPA BIDENS.	Lockport.
456	27 ATRYPA NEGLECTA.	Niagara county(1).

Names.	Localities.
457 28 <i>ATRYPA EQUIRADIATA</i> .	Oneida county.
458 29 <i>ATRYPA EMACERATA</i> .	Sodus, Rochester, etc.
459 30 <i>ATRYPA ROBUSTA</i> .	Lockport.
460 31 <i>ATRYPA RETICULARIS</i> .	Sodus.
461 32 <i>ATRYPA PPLICATULA</i> .	Niagara county.
462 33 <i>ATRYPA HEMISPHERICA</i> .	Rochester, etc.
463 34 <i>ATRYPA PLANCONVEXA</i> .	Flamborough head (C. W.).
464 35 <i>ATRYPA NAVIFORMIS</i> .	Sodus and Rochester.
465 36 <i>ATRYPA CYLINDRICA</i> .	Lockport.
466 37 <i>ATRYPA INTERMEDIA</i> .	Lockport.
467 38 <i>ATRYPA</i> ——— (cast).	Kirkland.
468 39 <i>ATRYPA CYLINDRICA?</i> (cast).	Lockport.
469 40 <i>ATRYPA GIBBOSA</i> .	Near Clinton village.
470 1 <i>PENTAMERUS OBLONGUS</i> (1).	Wayne county. - - Cabinet.
471 2 <i>PENTAMERUS FORNICATUS</i> .	Lockport.

ACEPHALA.

472 6 <i>AVICULA EMACERATA</i> .	Kirkland and Wolcott. Cabinet.
473 7 <i>AVICULA RHOMBOIDEA</i> .	New-Hartford and Sodus.
474 19 <i>MODIOLOPSIS SUBALATUS</i> .	Rochester, Sodus, etc.
475 6 <i>TELLINOMYA LATA</i> .	Wolcott, Wayne.
476 7 <i>TELLINOMYA MACHÆRIFORMIS</i> .	Wolcott.
477 8 <i>TELLINOMYA CURTA</i> .	Wolcott.
478 4 <i>ORTHONOTA CURTA</i> .	Wolcott and Rochester.
479 1 <i>POSIDONIA?</i> ALATA.	Rochester.
480 1 <i>PYRENOMÆUS CUNEATUS</i> .	Wolcott. - - - Cabinet.

GASTEROPODA.

481 1 <i>CYCLONEMA CANCELLATA</i> .	Sodus, etc.
482 2 <i>CYCLONEMA VENTRICOSA</i> .	Sodus.
483 3 <i>CYCLONEMA?</i> OBSOLETA.	Medina and Lockport.
484 4 <i>CYCLONEMA CANCELLATA?</i>	Lockport.
485 1 <i>PLATYOSTOMA</i> ———.	Kirkland and New-Hartford.
486 16 <i>MURCHISONIA SUBULATA</i> .	Wolcott, Medina, etc.

	Names.	Localities.
487	8 BUCANIA STIGMOSA.	Lockport.
488	9 BUCANIA? BELLA-PUNCTA.	Wolcott.
396	7 BUCANIA TRILOBATA.	New-Hartford.

CEPHALOPODA.

489	3 ONCOCERAS SUBRECTUM.	Lockport.
490	5 ORMOCERAS VERTEBRATUM.	Niagara county.
491	28 ORTHOCERAS VIRGULATUM,	Lockport, etc.
492	29 ORTHOCERAS ANNULATUM?	Wolcott.
493	30 ORTHOCERAS ABRUPTUM.	Lockport.

INCERTÆ SEDES.

494	1 CORNULITES FLEXUOSUS.	Lockport.
495	1 DISCOSORUS CONOIDEUS.	Ontario and Lockport.

UPPER GREY SANDSTONE OF THE CLINTON GROUP.

496	1 MYALINA MYTILIFORMIS.	South of Mohawk village.
497	20 MODIOLOPSIS OVATUS(2).	S. of Mohawk village. Cabinet.
498	21 MODIOLOPSIS SUBCARINATUS(4),	S. of Mohawk village. Cabinet.
499	9 TELLINOMYA ELLIPTICA.	S. of Mohawk village.
500	3 PENTAMERUS OVALIS.	New-Hartford.
446	21 LEPTÆNA OBSCURA?	New-Hartford.
501	2 PLATYOSTOMA ———.	New-Hartford.
502	31 ORTHOCERAS CLAVATUM.	South of Mohawk village.
503	1 HOMALONOTUS DELPHINOCEPHALUS(4).	S. Mohawk village. Cabinet.
504	1 ICHTHYODORULITE (fragment).	

9. NIAGARA GROUP.

CORALS.

505	7 STREPTELASMA CALICULA.	Lockport, Rochester, etc.
506	1 POLYDILASMA TURBINATUM.	Lockport.
419	1 CANINIA BILATERALIS.	Lockport.
507	1 CONOPHYLLUM NIAGARENSE.	Niagara county.
508	1 DIPLOPHYLLUM CÆSPITOSUM.	Lockport.

	Names.	Localities.
509	2 DIPLOPHYLLUM CÆSPITOSUM?	Lockport.
510	1 SYRINGOPORA? MULTICAULIS.	Lockport and Barre.
511	1 ASTROCERIUM VENUSTUM.	Lockport, Rochester, etc.
512	2 ASTROCERIUM PARASITICUM.	Near Lockport.
513	3 ASTROCERIUM PYRIFORME.	Rochester, Wolcott, etc.
514	4 ASTROCERIUM CONSTRICTUM.	Lockport, etc.
515	1 FAVOSITES NIAGARENSIS.	Niagara falls, etc.
516	2 FAVOSITES FAVOSA?	Milwaukie (Wisconsin).
517	1 CATENIPORA ESCHAROIDES(1).	Near Rochester. - Cabinet.
518	2 CATENIPORA AGGLOMERATA.	Sweden and Ogden. ———
519	1 HELIOLITES ELEGANS.	Lockport.
520	2 HELIOLITES SPINIPORA.	Lockport.
521	3 HELIOLITES PYRIFORMIS?	Lockport.
522	4 HELIOLITES MACROSTYLUS.	Milwaukie (Wisconsin).
523	1 STROMATOPORA CONCENTRICA.	Lockport, Rochester, etc. Cabinet.
524	1 CLADOPORA SERIATA.	Lockport, etc. - - Cabinet.
525	2 CLADOPORA CESPITOSA.	Lockport.
526	3 CLADOPORA CERVICORNIS.	Lockport.
527	4 CLADOPORA FIBROSA.	Lockport.
528	5 CLADOPORA MULTIPORA.	Lockport.
529	6 CLADOPORA MACROPHORA.	Lockport.
530	7 CLADOPORA RETICULATA.	Lockport.
531	1 LIMARIA RAMULOSA.	Lockport.
532	2 LIMARIA FRUTICOSA?	Lockport.
533	3 LIMARIA LAMINATA.	Lockport.
534	1 CALLOPORA ELEGANTULA.	Lockport.
535	2 CALLOPORA FLORIDA.	Lockport.
536	3 CALLOPORA LAMINATA.	Lockport.
537	4 CALLOPORA ASPERA.	Lockport.
538	5 CALLOPORA NUMMIFORMIS.	Lockport.
539	1 TREMATOPORA TUBERCULOSA.	Lockport.
540	2 TREMATOPORA COALESCENS.	Lockport.
541	3 TREMATOPORA TUBULOSA.	Wayne county.

	Names.	Localities.
542	4 TREMATOPORA PUNCTATA.	Lockport.
543	5 TREMATOPORA OSTIOLATA.	Lockport, Rochester, etc. Cabinet.
544	6 TREMATOPORA SOLIDA.	Lockport.
545	7 TREMATOPORA STRIATA.	Lockport.
546	8 TREMATOPORA GRANULIFERA.	Lockport.
547	9 TREMATOPORA ASPERA.	Lockport.
548	10 TREMATOPORA SPINULOSA.	Lockport.
549	11 TREMATOPORA SPARSA.	Lockport.
550	1 STRIATOPORA FLEXUOSA.	Lockport.
551	9 STICTOPORA PUNCTIPORA.	Lockport.
552	1 DIAMESOPORA DICHOTOMA.	Lockport.
553	1 CLATHROPORA ALCICORNIS.	Lockport,
554	2 CLATHROPORA FRONDOSA.	Lockport.
555	5 RETEPORA DIFFUSA.	Lockport.
556	6 RETEPORA ASPERATO-STRIATA,	Lockport.
557	1 HORNERA? DICHOTOMA.	Lockport and Rochester.
558	3 FENESTELLA ELEGANS,	Lockport, Rochester, etc.
559	4 FENESTELLA TENUICEPS.	Lockport, Rochester, etc.
560	5 FENESTELLA CRIBROSA,	Lockport,
561	6 FENESTELLA ———.	Lockport.
562	1 POLYPORA INCEPTA.	Lockport, Rochester, etc.
563	1 CERAMOPORA IMBRICATA.	Lockport.
564	2 CERAMOPORA INCRUSTANS.	Lockport.
565	3 CERAMOPORA FOLIACEA.	Lockport.
566	3 RHINOPORA TUBERCULOSA.	Lockport.
567	1 LICHENALLA CONCENTRICA.	Rochester and Lockport.
568	1 SAGENELLA MEMBRANACEA.	Rochester and Lockport.
569	1 DICTUONEMA RETIFORMIS.	Lockport, Rochester, etc. Cabinet.
570	2 DICTUONEMA GRACILIS.	Lockport.
571	1 INOCAULIS PLUMULOSA.	Lockport, Rochester, etc.

CRINOIDEA OF THE CLINTON GROUP.

	Names.	Localities.
572	1 CLOSTEROCRINUS ELONGATUS.	Lockport.
573	2 GLYPTOCRINUS PLUMOSUS.	Oak-orchard creek.
574	3 GLYPTOCRINUS ———?	Niagara county.
575	1 ICHTHYOCRINUS CLINTONENSIS.	Niagara county.
576	1 CARYOCRINUS ORNATUS.	Lockport.
577	2 TENTACULITES MINUTUS.	Rochester.
578	3 TENTACULITES DISTANS.	Flamborough head (Canada West).
	JOINTS of undetermined crinoidea(1). S. Mohawk village. Cabinet,	

CRINOIDEA OF THE NIAGARA GROUP.

579	1 HOMOCRINUS PARVUS.	Lockport.
580	2 HOMOCRINUS CYLINDRICUS.	Lockport.
581	1 GLYPTASTER BRACHIATUS.	Lockport.
582	1 THYSANOCRINUS LILIIFORMIS.	Lockport.
583	2 THYSANOCRINUS CANALICULATUS.	Lockport.
584	3 THYSANOCRINUS ACULEATUS.	Lockport.
585	4 THYSANOCRINUS IMMATURUS.	Lockport.
586	1 MYELODACTYLUS CONVOLUTUS.	Lockport.
587	1 DENDROCRINUS LONGIDACTYLUS.	Lockport.
588	2 ICHTHYOCRINUS LÆVIS.	Lockport.
589	1 LYRIOCRINUS DACTYLUS.	Lockport.
590	1 LECANOCRINUS MACROPETALUS.	Lockport.
591	2 LECANOCRINUS ORNATUS.	Lockport.
592	3 LECANOCRINUS SIMPLEX.	Lockport.
593	4 LECANOCRINUS CALICULUS.	Lockport.
594	1 MACROSTYLOCRINUS ORNATUS.	Lockport.
595	1 SACCOCRINUS SPECIOSUS.	Lockport.
596	1 EUCALYPTOCRINUS DECORUS.	Lockport, Rochester, etc.
597	2 EUCALYPTOCRINUS CÆLATUS.	Lockport.
598	3 EUCALYPTOCRINUS PAPULOSUS.	Sweden, Monroe.
599	1 STEPHANOCRINUS ANGULATUS.	Lockport.
600	2 STEPHANOCRINUS GEMMIFORMIS.	Lockport.

	Names.	Localities.
601	1 CARYOCRINUS ORNATUS.	Lockport, Rochester, etc. Cabinet.
602	1 MELOCRINITES SCULPTUS.	Lockport.
603	1 HETEROCYSTITES ARMATUS.	Lockport.
604	2 MYELODACTYLUS BRACHIATUS.	Lockport.
605	3 MYELODACTYLUS -----?	Lockport.

PLATES and COLUMNS of undetermined crinoidea.

CYSTIDEÆ.

606	1 CALLOCYSTITES JEWETHI.	Lockport.
607	1 APIOCYSTITES ELEGANS.	Lockport.
608	1 HEMICYSTITES PARASITICA.	Lockport.

ASTERIADÆ.

609	1 PALÆASTER NIAGARENSIS.	Lockport.
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BRACHIOPODA.

437	16 LINGULA LAMELLATA.	Lockport, Sweden, etc.
610	8 ORBICULA TENUILAMELLATA.	Lockport.
611	9 ORBICULA? SQUAMIFORMIS.	Rochester, Sweden, etc.
612	25 ORTHIS FISUM.	Wolcott.
613	26 ORTHIS PYRAMIDALIS.	Lockport.
440	22 ORTHIS ELEGANTULA.	Wolcott, etc.
614	27 ORTHIS HYBRIDA.	Wolcott, etc.
615	28 ORTHIS PUNCTO-STRIATA.	Lockport.
616	29 ORTHIS FLABELLULUM, <i>var.?</i>	Lockport, Sweden, etc.
617	30 ORTHIS FASCIATA.	Rochester and Lockport.
618	24 LEPTÆNA TRANSVERSALIS.	Near Rochester, etc.
448	23 LEPTÆNA DEPRESSA.	Lockport, Rochester, etc.
619	25 LEPTÆNA STRIATA.	
620	26 LEPTÆNA SUBPLANA.	Lockport, etc.
621	4 SPIRIFER BILOBUS.	Wolcott and Lockport.
622	5 SPIRIFER SULCATUS.	Lewiston, Lockport, etc.
623	6 SPIRIFER CRISPUS.	Lockport, Lewiston, etc.
624	7 SPIRIFER BICOSTATUS.	Oneida county.
625	8 SPIRIFER NIAGARENSIS.	Wolcott, Rochester, etc.

	Names.	Localities.
452	3 SPIRIFER RADIATUS.	Lockport, Lewiston, etc.
626	9 SPIRIFER PYRAMIDALIS.	Near Lewiston.
627	41 ATRYPA NITIDA.	Lockport, etc.
628	42 ATRYPA NITIDA, <i>var.</i> OBLATA.	Lockport and Sweden.
629	43 ATRYPA ———.	Lockport.
630	44 ATRYPA CRASSIROSTRA.	Lockport.
460	31 ATRYPA RETICULARIS.	Lockport, etc.
631	45 ATRYPA RUGOSA.	Lockport.
632	46 ATRYPA NODOSTRIATA.	Lockport.
633	47 ATRYPA CAMURA.	Lockport.
456	27 ATRYPA NEGLECTA.	Wolcott, Lockport, etc.
634	48 ATRYPA INTERPLICATA.	Lockport.
635	49 ATRYPA BIDENTATA.	Lockport.
636	50 ATRYPA CUNEATA.	Lockport, etc.
637	51 ATRYPA ———?	Lockport.
638	52 ATRYPA DISPARILIS.	Wolcott.
639	53 ATRYPA BREVIROSTRIS.	Lockport.
640	54 ATRYPA OBTUSIPLICATA.	Lockport.
641	55 ATRYPA PlicateLLA?	Wolcott.
642	56 ATRYPA APRINIS.	Lockport.
643	57 ATRYPA CORALLIFERA.	Lockport and Rochester.

ACEPHALA.

472	6 AVICULA EMACERATA.	Lockport, Rochester, etc. Cabinet.
644	8 AVICULA UNDATA.	Rochester.
645	9 AVICULA SUBPLANA.	Lockport.
646	10 AVICULA? ORBICULATA.	Rochester.
647	2 POSIDONOMYA? RHOMBOIDEA.	Lockport.
648	22 MODIOLOPSIS? UNDULOSTRIATA.	Lockport.
474	19 MODIOLOPSIS SUBALATUS?	Wolcott.
478	4 ORTHONOTA CURTA?	Wolcott.

GASTEROPODA.

	Names.	Localities.
649	2 PLATYOSTOMA NIAGARENSIS.	Lockport, Rochester, etc.
650	3 PLATYOSTOMA HEMISPHERICA.	Rochester.
651	1 ACROCOLIA NIAGARENSIS.	Lockport.
652	2 ACROCOLIA ANGULATA.	Lockport.

CEPHALOPODA.

653	1 GOMPHOCERAS? ———.	Rochester and Niagara falls.
654	8 CYRTOCERAS? CANCELLATUM.	Rochester and Niagara falls.
655	32 ORTHOCERAS ———.	Rochester.
656	33 ORTHOCERAS IMBRICATUM?	Lockport and Rochester.
657	34 ORTHOCERAS VIRGATUM?	Rochester.
658	35 ORTHOCERAS CANCELLATUM.	Rochester and Lockport.
659	36 ORTHOCERAS ———?	Rochester.
660	37 ORTHOCERAS UNDULATUM.	Lockport, Rochester, etc.
661	5 CONULARIA NIAGARENSIS.	Lockport, Rochester, etc.
662	6 CONULARIA LONGA.	Lockport.

CRUSTACEA OF THE CLINTON AND NIAGARA GROUPS.

663	1 CYBELE PUNCTATA.	Medina, etc.
664	5 CALYMENE CLINTONI.	Martville, etc.
298	2 CALYMENE BLUMENBACHII, <i>var.?</i> SENARIA.	
665	3 ACIDASPIIS ———.	
666	3 PHACOPS TRISULCATUS.	
667	5 CERAURUS INSIGNIS.	Rochester.
668	1 BEYRICHTIA LATA.	New-Hartford, etc. Cabinet.
669	1 BUMASTIS BARRIENSIS.	Lockport, etc. - - Cabinet.
670	4 PHACOPS LIMULURUS(4).	Lockport. - - - Cabinet.
671	7 CALYMENE BLUMENBACHII, <i>var.</i> NIAGARENSIS(1).	Lockport, Rochester, etc. Cabinet.
503	1 HOMALONOTUS DELPHINOCEPHALUS(2).	Lockport, etc. Cabinet.
672	1 LICHAS BOLTONI(2).	Lockport, Rochester, etc. Cabinet.
673	1 BRONTEUS? NIAGARENSIS.	Niagara river.
674	1 ARGES PHTYCTANODES.	Near Albion, Orleans.
675	1 PROETUS CORYCÆUS(1).	Lockport, - - - Cabinet.

	Names.	Localities.
676	2 PROETUS? STOKESII.	Lockport.
677	2 BEYRICHTIA SYMMETRICA.	Lockport. - - - Cabinet.
678	2 CYTHERINA SPINOSA.	Lockport.
	1 ONCHUS DEWEII.	Lockport and Rochester.

10. CORALLINE LIMESTONE.

CORALS.

679	3 DIPLOPHYLLUM CORALLIFERUM(3).	Schoharie. - - - Cabinet.
680	1 COLUMNARIA INEQUALIS(1).	Schoharie. - - - Cabinet.
515	1 FAVOSITES NIAGARENSIS(2).	Schoharie. - - - Cabinet.
681	2 STROMATOPORA CONSTELLATA(1).	Schoharie. - - - Cabinet.
523	1 STROMATOPORA CONCENTRICA(1).	Schoharie. - - - Cabinet.
517	1 CATENIPORA ESCHAROIDES(1).	Schoharie. - - - Cabinet.

BRACHIOPODA.

682	31 ORTHIS INTERSTRIATA.	Schoharie.
683	27 LEPTÆNA ———(2).	Schoharie. - - - Cabinet.
684	28 LEPTÆNA BIPARTITA(2).	Schoharie. - - - Cabinet.
685	2 STROPHODONTA TEXTILIS(1).	Schoharie. - - - Cabinet.
686	10 SPIRIFER ———(2).	Schoharie. - - - Cabinet.
623	6 SPIRIFER CRISPUS.	Schoharie.
687	58 ATRYPA NUCLEOLATA(3).	Schoharie. - - - Cabinet.
688	59 ATRYPA LAMELLATA(1).	Schoharie. - - - Cabinet.
689	60 ATRYPA ———.	Schoharie. - - - Cabinet.

ACEPHALA.

690	10 TELLINOMYA? EQUILATERA(2).	Schoharie. - - - Cabinet.
691	11 AVICULA? ———.	Schoharie. - - - Cabinet.
692	12 AVICULA SUBRECTA.	Schoharie.
693	13 AVICULA SECURIFORMIS(3).	Schoharie. - - - Cabinet.
694	14 AVICULA LIMIFORMIS(2).	Schoharie. - - - Cabinet.

GASTEROPODA.

695	4 PLATYOSTOMA ———(1).	Schoharie. - - - Cabinet.
696	21 PLEUROTOMARIA SUBDEPRESSA(1).	Schoharie. - - - Cabinet.
697	17 MURCHISONIA? OBTUSA(1).	Schoharie. - - - Cabinet.

	Names	Localities.	
698 18	MURCHISONIA? TEREBRALIS(1).	Schoharie.	- - - Cabinet.
699 10	BUCANIA ———(3).	Schoharie.	- - - Cabinet.
700 5	BELLEROPHON AURICULATUS(2).	Schoharie.	- - - Cabinet.

CEPHALOPODA.

701 1	TROCHOCERAS GEBHARDII(2).	Schoharie.	- - - Cabinet.
702 2	TROCHOCERAS TURBINATA(1).	Schoharie.	- - - Cabinet.
703 4	ONCOCERAS EXPANSUM(1).	Schoharie.	- - - Cabinet.
	ORTHO CERAS ———(4).	Schoharie.	- - - Cabinet.

CRUSTACEA.

704 8	CALYMENE CAMERATA (5 fragments).	Schoharie	- - Cabinet.
705 3	CY THERINA ALTA?	Schoharie.	
	PHRAGMOCERAS?(2).	Schoharie.	- - - Cabinet.

11. ONONDAGA-SALT GROUP.

706 4	PENTAMERUS OCCIDENTALIS.	Galt (Canada West).
707 1	MEGALOMUS CANADENSIS.	Galt.
708 19	MURCHISONIA BIVITTATA.	Galt.
709 20	MURCHISONIA LONGISPIRA.	Galt.
710 21	MURCHISONIA BOYDII.	Wayne county.
711 22	MURCHISONIA LOGANII.	Galt (Canada West).
712 23	MURCHISONIA MACROSPIRA.	Galt.
713 24	MURCHISONIA TURRITIFORMIS.	Galt.
714 2	SUBULITES VENTRICOSA.	Galt.
715 5	CYCLONEMA SULCATA.	Newark, Wayne.
716 22	PLEUROTOMARIA BISPIRALIS.	Galt (Canada West).
717 23	PLEUROTOMARIA? ———.	Galt.
718 24	PLEUROTOMARIA SOLARIOIDES.	Galt.
719 25	PLEUROTOMARIA PERLATA.	Galt.
720 11	BUCANIA ANGUSTATA.	Galt.
721 9	CYRTO CERAS ARCTICAMERATUM.	Galt.
722 9	CALYMENE ———.	Galt.
723 4	TENTACULITES NIAGARENSIS.	
724 2	CORNULITES ———.	

The COLLECTION of FOSSILS made by JOHN GEBHARD junior has been purchased by the State, and is now in the State Geological Rooms at Albany, but, for want of room, is not yet arranged. The following is a synopsis of its contents, with the exception of the fossils from the Coralline limestone (mentioned on pages 28 & 29), which have been placed in the cases :

Names of Formations.	Number of Specimens.
CALCIFEROUS SANDROCK	2
CHAZY LIMESTONE	10
BIRDSEYE LIMESTONE	22
TRENTON LIMESTONE	92
UTICA SHALE	36
MEDINA SANDSTONE.....	9
CLINTON GROUP	33
NIAGARA GROUP, Lockport.....	132
HUDSON-RIVER GROUP.....	5
CORALLINE LIMESTONE, Schoharie.....	79
TENTACULITE LIMESTONE, "	30
PENTAMERUS GALEATUS LIMESTONE, "	672
CATSKILL SHALY LIMESTONE, "	4438
SCUTELLA LIMESTONE, "	6
UPPER PENTAMERUS LIMESTONE, "	894
ORISKANY SANDSTONE, "	557
SCHOHARIE GRIT, "	1162
ONONDAGA LIMESTONE, "	373
CORNIFEROUS LIMESTONE, "	1000
MARCELLUS SHALES and GONIAHITE } LIMESTONE, "	482
HAMILTON GROUP (Lower part), "	1423
HAMILTON GROUP (Upper part), including Chemung and } uppermost rocks of Schoharie, "	1313
PLASTER CASTS OF FOSSILS (mostly trilobites)	131
FISH SCALES (two species), Old Red, Pennsylvania.....	2
COAL PLANTS from Pennsylvania	37
COAL PLANTS from Ohio	3
FISH REMAINS from Durham, Connecticut	7
BUHRSTONE FORMATION of Georgia	11
TERTIARY, Macon, Georgia	2
TERTIARY, Banks of the Potomac	2
CRETACEOUS FORMATION of New-Jersey	5
TERTIARY FORMATIONS of Italy	46
DUDLEY ROCKS, England	48

The preceding specimens are packed in *forty-one boxes* properly labelled, and are now in the fireproof basement of the State Geological Rooms.

In addition to the above, there are, in drawers in the geological rooms, the following numbers of unique specimens, viz :

Chazy limestone, 2 ; Trenton, 10 ; Hudson-river, 9 ; Niagara, 4 ; Pentamerus galeatus, 5 ; Delthyris shaly, 41 ; Oriskany sandstone, 6 ; Schoharie grit, 10 ; Marcellus shale, 2 ; Hamilton group, 9. Total, 98.	
FISH REMAINS : Schoharie grit, 9 ; Onondaga, 2 ; Marcellus shale, 11 ; Hamilton, 5	27
SPECIMENS figured for the third volume of the Palæontology, and placed in the cases	103

Which, by including the preceding list, makes a total of 13292

In addition to these, there have been placed in the cases over six hundred (600) specimens of fossils from the following formations, viz : Tentaculite limestone, Pentamerus galeatus limestone, Delthyris shaly limestone, Upper Pentamerus limestone, Oriskany sandstone, Schoharie grit, Onondaga limestone, Corniferous limestone, Marcellus shale and Hamilton group.

The collections made by Prof. HALL since the commencement of the work on Palæontology, with the exception of those enumerated in the Catalogue, are now lying in the basement story of the Geological Buildings : they consist chiefly of the following : Ninety-six drawers in case, filled with specimens from different rocks and groups.

Nine similar drawers filled with specimens, not in case.

Three drawers with specimens.

Forty-five large drawers in close cases, filled with specimens of the fossils of the lower limestones, Helderberg limestones, Hamilton and Chemung groups. Many of these are very good and perfect specimens of fossils, intended at the time of collection to illustrate future volumes of the Palæontology.

Three boxes of the Hamilton group and Helderberg limestones.

Forty-nine boxes and two kegs of specimens mainly from the rocks and groups above the Niagara. These have been nearly all examined, and the better specimens separated from the others, and their character indicated by labels on the outside of the boxes.

Fourteen boxes of specimens of fossils and minerals, mainly of the Niagara group.

There is also a large number of slabs containing fossils, many of which are rare and valuable.

Historical and Antiquarian Collection.

HISTORICAL AND ANTIQUARIAN COLLECTION.

DONATIONS.

FROM LEWIS H. MORGAN, OF ROCHESTER.

1. *Ga-né-ga-tah* (STONE MORTAR), used by the Senecas for pounding corn, pulverizing roots, etc. : sandstone. Found near Allen's hill, Ontario county, May 9, 1843.
2. STONE PESTLE, found at Jack's reef, Onondaga county.
3. STONE PESTLE, found in the town of Middlebury, Wyoming county.
4. STONE CHISEL, from Groveland, Livingston county.
5. STONE CHISEL. Fort Hill, town of Seneca, Ontario county.
6. STONE CHISEL. Town of Coventry, Genesee county.
7. STONE CHISEL. Ontario county.
8. STONE CHISEL, used for chipping coal. Fort Hill, town of Seneca, Ontario county.
9. STONE CHISEL, from Auburn, Cayuga county.
10. STONE CHISEL, used by the Iroquois in felling trees : fire was applied near the root of the tree, and the chisel was used to cut out the coal ; after which, fire was again applied. The chisel and fire were also used to hollow out wooden vessels. From Tonawanda, Genesee county.
11. STONE CHISEL. From the town of Coventry, Genesee county.
12. STONE CHISEL. From Mendon, Monroe county.
13. STONE CHISEL. From Allen's hill, Ontario county.
14. STONE CHISEL. From Mendon, Monroe county.
15. STONE CHISEL. From Coventry, Genesee county.
16. STONE GOUGE. Found near Leroy, Genesee county.

17. SPEAR-HEAD (chert). Found at Fort Hill, Seneca, Ontario county.
18. ARROWHEAD. Town of Seneca, Ontario county.
19. ARROWHEAD. Town of Chili, Monroe county.
20. ARROWHEAD. Fort Hill, Ontario county.
21. INDIAN KNIFE (chert), used for skinning deer. Found near Avon at the site of Littlebeard's town, Livingston county.
22. TOMAHAWK, found by the skeleton of an indian, near Lima, Livingston county.
23. TOMAHAWK, found by the skeleton of an indian at Mendon, Monroe county.
24. TOMAHAWK. Town of Lima, Livingston county.
25. TOMAHAWK. Town of Ledyard, Cayuga county.
26. BRASS KETTLE, taken from an indian grave at the site of the old indian village of Gá-nun-da-sa-ga, near Geneva, 1840.
27. PART of a GUN LOCK and RIFLE BARREL found by the skeleton of an indian, in the town of Mendon, Monroe county.
28. HEAD of a *Ga-ne-ah* or WAR CLUB, fastened into the head of a club by a thong or withe. Ledyard, Cayuga county.
29. *Yuh-tah-gun-he-a-tah Geh-weh*, or MOCCASIN NEEDLE (bone of the deer). Used by the "mound-builders," and also by the Iroquois. Found at Fort Hill, near Leroy, Genesee county.
30. STONE TUBE (of variegated limestone). Town of Springport, Cayuga county. A relic of the Mound-builders, and not of the Iroquois. Similar tubes, some of which are fifteen inches in length, are found in the Ohio mounds.
31. STONE AMULET. Tonawanda, Genesee county.
32. INDIAN NECKLACE of TEETH, found near the skeleton of an indian. Genesee valley, near Avon, Livingston county.
33. *A-so-gwa-ta*, or CLAY PIPE, from Aurora, Cayuga county.
34. FRONT PART of the BOWL of a PIPE (similar to those found in the Ohio mounds). Lima, Livingston county.
35. FRAGMENT of *Ga-jeh*, or EARTHEN BASIN. Fort Hill, near Leroy, Genesee county; with a tooth found in the same place.
36. POTTERY, affected by water. Fort Hill.
37. *Gus-to-weh* : HEAD-DRESS. Seneca — Iroquois.
38. *Ga-neah*, or WAR CLUB : a species used in the war dance. Seneca — Iroquois.

39. INDIAN CALUMET. From the West (imperfect).
40. LEADEN CROSS. Found near the Tonawanda Council House, Genesee county, October, 1845.
41. FRAGMENT of the TOMBSTONE of REDJACKET, found upon his grave, four miles from Buffalo. The stone is mutilated by travellers.
42. FRAGMENT (slag?) taken from the fireplace of the old picket enclosure of Kon-non-da-sa-sa, at the foot of the Genesee lake, in 1845. This picket was destroyed by General Sullivan.
43. STUB of the palisade at the gate or opening of the above picket enclosure. Found November 21, 1845.
44. FRAGMENT of an INDIAN PIPE. Monroe county.
45. *A-se-qua-tah*, or CLAY PIPE, taken from a Seneca burial place near Lima, Livingston county, 1848.
- 46 & 47. ARROWHEADS. Mendon, Monroe county.
48. ARROWHEAD of COPPER. Bend of the Honeoye creek, Monroe county.
49. PART of a GUN-BARREL, from an indian burying-ground, Ball farm, Monroe county.
50. STONE SKULL-CRACKER. From Aurora, Cayuga county. This is the vulgar name : it was fastened to the head of a club, and thus made a formidable weapon.
51. NECKLACE BEAD. From Scipio, Cayuga county.
52. UNFINISHED ARROWHEAD. From Cayuga county.
53. WHITE CHERT ARROWHEAD. From Ledyard, Cayuga county.
54. FRAGMENT of the BOWL of an Ah-so-quä-tä, or PIPE. From Scipio, Cayuga county.
55. SIX ARROWHEADS, or Gä-nuh-yä. From Ledyard and Scipio, Cayuga county.
56. FRAGMENT of a WHITE CHERT ARROWHEAD.
57. TWO TWIST ARROWHEADS. From Ontario county.
58. FRAGMENT of a Ga-jih, or EARTHEN BASIN. From Cayuga county.
59. Gä-ne-gä-tä, SENECA MORTAR, for pounding corn.
60. Gä-nih-gä-dä, POUNDER (same name as mortar). Two specimens,
61. Gä-ne-ah, BALL BAT. Two specimens.
62. Wä-a-no, INDIAN BOW. Two specimens.
63. Gä-no, FEATHERED ARROW. Six specimens.
64. Gä-wä-sä, SNOW SNAKE. Two specimens.

65. BARK TRAY OR PLATTER.
66. SPLINT BASKET. Two varieties.
67. A quantity of WHITE CORN. The New-York Indians cultivate this variety of corn principally, which is known, I believe, as the Tuscarora. They put it up and preserve it in bunches.

FROM SAMUEL G. EDDY, OF STILLWATER.

68. CARD of INDIAN ARROWHEADS(17), found in immediate vicinity of the battle ground at Bemis's Heights, Saratoga county. Arrowheads of similar materials and construction are to be found, after the spring rains, on all the plowed lands between Stillwater village and Wilber's basin, a distance equal to five miles.
69. CANNON BALLS(2), found on the battle ground at Bemis's heights.
70. CARD of MILITARY BUTTONS(5), with the roman numerals XX distinctly visible on the faces. These buttons were worn by a soldier or soldiers of the 20th regiment of Hamilton's brigade in Burgoyne's army. The 9th, 20th, 21st, and 62d regiments were that portion of Burgoyne's army which was engaged in the bloody conflict at "Freeman's Cottage," Bemis's Heights, on the 19th day of September 1777. These buttons, together with human bones, a large pocket knife, belt buckle, pewter spoon, and a stick of healing salve, were plowed up in the month of October 1849, within the grounds enclosed by the British intrenchments.
71. LEAD BALLS and IRON GRAPE-SHOT (13 in all), found on the Freeman farm in the year 1848.
72. A SPANISH SILVER COIN (pistareen), dated 1721. This coin, together with two others of the same date and denomination, three spanish milled quarter-dollars, twelve guineas and two half joes (in all about eighty dollars), were plowed up by Mr. Ebenezer Leggett, in the fall of 1849, within the British intrenchments, and near the celebrated Freeman Cottage.
73. PIECE of the PLANK on which Gen. FRAZER DIED. This gallant officer was mortally wounded on the seventh of October 1777, about two miles west of the Hudson river, by a rifleman of Colonel Morgan's company. He was brought from the field of battle and taken to the "Smith House" (then used as a British hospital), which was situated on the Whitehall turnpike some six miles

north of the present village of Stillwater, and expired about eight o'clock A. M. the following day. By his own request, he was buried in the great redoubt on the hill, at six o'clock in the evening of the same day on which he expired. The Smith house was taken down in the year 1845, and the plank on which Gen. Frazer died, and of which the piece presented to the State Cabinet is a portion, was preserved by the proprietor for the antiquarians of his country.

74. **PIECE** of a **SOLDIER'S BLANKET**, dug up, with human bones, near the camp of Lord Balcarras (who was one of the commanding officers in Burgoyne's army), at Bemis's heights, seventy-one years after the battle of October 7, 1777.
75. **A BOMB SHELL**. This was one of the trophies taken at Bemis's heights in October 1777. The following spring, several batteaux were loaded with shells, cannon balls, etc. for shipment to Albany, one of which was sunk at Stillwater village, a short distance above the falls, in the Hudson river. During the season of low water in the summer of 1848, many of these shells and balls were dug from the bed of the river, one of which is the one here presented to the State Collection.

FROM ASA FITCH, OF SALEM.

- 76 & 77. **SWORD** and **BAYONET**, which belonged to Burgoyne's army.
 Thomas Whiteside, one of the Cambridge (Washington county) militiamen, in service at Saratoga at the time of Burgoyne's surrender, on his return home, brought the above articles : they have been preserved in his family ever since, and were given to the State Collection by his son Thomas C. Whiteside.
78. **INDIAN AXE**, found at Fort Miller. From John Pattison.
79. Part of an **INDIAN SPEARHEAD** (made of subhyaline quartz), found at Fort Miller. From John Pattison.
- 80 & 81. **INDIAN SPEARHEADS**. Salem.
- 82 & 83. **INDIAN ARROWHEADS**. Salem.
84. **RELICS** of the **BATTLE** at Wallomsac (N. Y.), commonly called "Bennington Battle." Within the fortification thrown up by Colonel Baum, a single oak tree was left standing. The **PIECE** of wood presented to the State Cabinet, is from the decaying stump of

that tree. Sunk in it is a box containing a BULLET, found about forty rods north from the tree, in the direction whence General Stark, it is said, made his attack. The bullet is from N. Burnet, esquire, proprietor of the grounds, who picked it up when plowing about ten years ago (1838). Vestiges of this battle, formerly found in abundance, are now exceedingly rare; and all traces of the breastworks, etc. are entirely obliterated.

FROM WILLIAM J. M'ALPINE, OF ALBANY.

85. A PLASTER MODEL of the UNITED STATES DRY DOCK at Brooklyn.
86. Fourteen specimens of GRANITE, viz : six from Staten Island quarry, New-York; six from Quincy quarry, Massachusetts; and two from Bluehill quarry, Maine; being samples of the granite used in the construction of the dry dock.
87. A GLASS TUBE, hermetically sealed, containing specimens of the various SOILS through which the excavations were made, stratigraphically arranged; with figures on the tube, indicating the aggregate depth of the excavations, and the proportional thickness of the different strata of earth excavated.
88. A VIAL containing EARTH excavated at the depth of $68\frac{1}{2}$ feet.

FROM JOHN GEBHARD, OF SCHOHARIE.

89. EGYPTIAN IMAGE, ten inches in length, made of the native sycamore wood, in the form of a mummy case; painted, and covered with hieroglyphics. Images of this description are frequently found in mummy cases, and appear to be a representation on a small scale of the mummy itself. It is probable that they were used as a kind of household gods by the ancient Egyptians, and in that character interred with the possessor on his decease.
90. ETRUSCAN FIGURE, representing Pallas. This figure is made of baked clay, and placed upon a marble pedestal; height eight inches.
91. BRONZE BUST of the PRINCESS LUCILLE. Height three inches above the pedestal.
92. BRONZE FIGURE of a CONSUL in his TOGA. Height five inches above the pedestal.

93. ROMAN FIGURE in BRONZE. Height four inches.
94. BRONZE FIGURE of a COW. Height two inches above the pedestal.
95. TWO BRONZE FIGURES of SOOTHSAYERS or ORACLES. Height four inches above the pedestals.
96. BRONZE FIGURE of the EGYPTIAN VENUS. Height four inches above the pedestal.
97. THREE VARIETIES of FUNERAL LAMPS. These lamps are made of baked clay, and are of ancient egyptian manufacture.

FROM CHESTER C. MOORE, OF ALBANY.

98. A MEDICINE POUCH, manufactured of deerskin, and beautifully ornamented with porcupine quills : made by the Blackfeet Indians of Oregon.
99. A STRING of STONE BEADS, obtained from the Blackfeet Indians of Oregon, and supposed to have been obtained by them from the Russian traders.
100. A FLINT ARROWHEAD, found in the Blackfeet country near the Rocky Mountains, where a battle had been fought between the Blackfeet and Crow tribes of Indians.

FROM CHARLES MARTIN, OF THE U. S. NAVY.

101. A MACE or WAND, made from the feathers of the macaw or toucan : carried in the hand by the chiefs of the Cannibal Indians of the Amazon river, eighty or ninety miles above Para a city of Brazil.
102. A TUBE or SHEATH made of woven strips of bark or reed, capable of enlargement and contraction : used for the purpose of expressing the liquid from the arrow root, in its preparation for use. From the Amazon river, 80 or 90 miles above Para, a city of Brazil.
103. TWO EARTHEN PIPES, of different style, with a wooden ornamental stem. From the Amazon river above Para.
104. GOURD. From the city of Isabel, Guatemala, painted in imitation of the ruins in that country.

FROM MRS. M. ELIZABETH BALDWIN, OF SARATOGA.

105. A BELT interwoven with BEADS, and a GAME-BAG. These articles were taken from a vault in Peru, South America, in the year 1830 : they had been deposited with the remains of an indian chief a hundred years previous.
106. A BILL of the CONTINENTAL CURRENCY for sixty dollars, issued according to a resolution passed by Congress at Philadelphia, September 26, 1778.
107. A BILL of the VIRGINIA CURRENCY for seven hundred and fifty dollars, issued according to an act of the Assembly, passed March 1, 1781.

FROM THEODORE TEED, OF CORTLANDTOWN.

108. A LARGE STONE AXE.
109. A STONE CHISEL, made of greenstone.
110. An unfinished CHERT ARROWHEAD.
111. A STONE PESTLE, made of sandstone.
112. A fragment of an INDIAN BOWL, made of steatite (soapstone).
All these articles were found in Cortlandtown, Westchester county.

FROM REV. MILES BRONSON, OF ASSAM IN INDIA.

113. A SILVER COIN (one rupee), value 48 cents : issued by the East India Company, 1840.
114. A COPPER COIN (one quarter anna), value 1-48th of a rupee : issued by the East India Company.
115. A Native East-Indian COPPER COIN.

FROM RICHARD H. PEASE, OF ALBANY

116. Gä-o-wo-gus-nuh (bark canoe) : a model.
117. Gä-gä-we-sä (paddle) : four specimens.
118. Ya-ye-gwä-dä-quä (segar case).
119. Ya-yud-dos-ho-quä (card receiver) : two specimens.
120. Gä-gwih-sak-tah Yä-dä-gwah (watch case).

FROM REV. JOHN N. CAMPBELL, OF ALBANY.

121. A CUP, turned from one of the red cedar gate-posts of Fort William Henry. The posts were placed in the ground in the year 1755, and removed in 1837, and are now in the State Cabinet.
122. A BEAD BASKET, made and presented by Peter Lepage junior, one of the pupils belonging to the New-York Institute for the Blind.
123. A specimen of "Pot Rock," from Hurlgate channel near New-York, procured and forwarded by M. Maillefert, the engineer employed in removing the obstructions to navigation in Hurlgate.
124. A piece of COPPER SHEETING, taken from Way's reef in Hurlgate channel. Large quantities of this were obtained while removing the reefs in Hurlgate, which had been stripped from vessels that had struck against them at different times.

FROM REV. DUNCAN KENNEDY, OF ALBANY.

125. Two PEQUOD STONE HATCHETS, differing in form and material of construction. From New-England.
126. STONE AXE and a STONE CHISEL. From Westmoreland, Oneida county.

FROM EDWIN CROSWELL, OF ALBANY.

127. COPPER MEXICAN BOMB-SHELL, taken from the battle ground of Buena Vista by Lieut. Easterly, U. S. Army.
128. COPPER MEXICAN GRAPE-SHOT, taken from the battle ground of Buena Vista, by Lieut. Easterly.
129. CANNON BALL, found in excavating in front of the site of the ancient Fort Orange, Albany.

FROM JAMES MEADS, OF ALBANY.

130. A COPPER MEXICAN GRAPE-SHOT, from the battlefield of Buena Vista.
131. A MASS of SPARABLES, cemented together by heat : from the great fire in the city of Albany on the 17th day of August, 1848.
132. A MASS of TACKS, cemented together by heat : from the great fire in the city of Albany on the seventeenth day of August, 1848.

FROM VARIOUS DONORS.

133. A MAP of the town of North-Salem, on rollers : executed by the
Donor JOHN F. JENKINS.
134. INDIAN PIPE, found four miles south of the village of Canandaigua.
WILLIAM CASE.
135. REMAINS of the GATE-POSTS of Fort William Henry, at the head of
Lake George. The fort was erected in 1755, and taken and
destroyed by Montcalm in 1756. The posts (of cedar) were dug
up in 1837, by the direction of William Caldwell the owner of
the ground, and were presented to the New-York State Cabinet
by JOHN M'GILLIS of St. Johns in Canada East.
136. A PIECE of MARBLE (from Maryland), of the corner stone of the
Washington National Monument, laid July 4, 1848. Presented
by the Board of Managers of the Washington Monument to the
State of New-York.
137. INDIAN ARROWHEAD (hornstone), found at Lake George.
T. ROMEYN BECK.
138. STONE SKINNING-CHISEL, found in Lysander, Oswego county.
E. A. BALDWIN.
139. INDIAN ARROWHEAD, found in Watervliet, Albany county.
A. C. HASCY.
140. STONE PESTLE, used in pounding maize : found at the head of Cayuga
lake, Tompkins county, by Henry Hungerford.
DAVID EMERY.
141. A COPY of an "Inquiry into the Origin of the Antiquities of Ame-
rica, by John Delafield junior; with an Appendix by James
Lakey." 4to. Cincinnati, 1839. JOHN DELAFIELD.
142. SPECIMENS of SHELL CONCRETIONS, forming the surface rock on which
the city of St. Augustine in Florida is built.
CHRISTOPHER MORGAN.
143. A PLATE of MICA, turned up by the plow several years since, in the
town of Brookhaven in the county of Suffolk, at a depth of about
two feet below the surface. On one side of this plate are several
engravings of geometrical and other figures.
NATHANIEL MILLER.

144. A part of the STEM of the AGAVE AMERICANA (century plant), which flowered some years since in the greenhouse of
STEPHEN VAN RENSSELAER.
145. Two pieces of WOOD from the HULL of Commodore Perry's flag-ship, the Lawrence : obtained at Erie, Pennsylvania.
FRANKLIN B. HOUGH.
146. COPPER PICKAXE, found on the farm (in Ogdensburgh, St. Lawrence county) of
HENRY VAN RENSSELAER.
147. STONE CHISEL : from Danube, Herkimer county. ASA WILCOX.
148. STONE CHISEL, made of greenstone : from Martinsburgh, Lewis county.
L. R. HOUGH.
149. LARGE SPEARHEAD, made of chert : from Martinsburgh.
L. R. HOUGH.
150. Fragments of ANCIENT POTTERY : from Martinsburgh, Lewis county.
S. A. DEWEY.
151. Four CHERT ARROWHEADS : from Martinsburgh. S. A. DEWEY.
152. STONE PESTLE, used in pounding maize : found in the town of Niskayuna, Schenectady county. PETER B. NOXON.
153. A STONE AXE, made of chlorite : plowed up in the ninth ward of the city of Albany. PETER B. NOXON.
154. TWO CHERT and one WHITE QUARTZ ARROWHEADS : found in the town of Guilderland, Albany county. THADDEUS CHEESEBRO.
155. A CHERT ARROWHEAD : found in digging a cellar on the shore of Otsego lake. S. W. ROOT.
156. INDIAN ARROWHEAD : found in Croton, Westchester county.
THEODORE TEED.
157. Three fragments of INDIAN POTTERY : found in Croton. T. TEED.
158. A very singular specimen of INDIAN WORKMANSHIP, made of novaculite : found in the town of Hartford, Washington county.
HENRY B. NORTHRUP.
159. TACKS, cemented together : from the great fire in the city of Albany, on the seventeenth day of August, 1848. LEMUEL STEELE.
160. A specimen of COCOANUT-WOOD (turned) : from the Island of St. Lucia, West Indies. ROBERT REID.
161. AN ANTIQUE LOOKINGGLASS, set in a frame of sandal wood.
MISS CAROLINE LOVETT.

162. A SILVER COIN (fuang), $7\frac{1}{2}$ cents, from Siam in India.
Rev. A. HEMENWAY.
163. A SILVER COIN, date 1652 : on one side "New-England," on the reverse "Massachusetts;" commonly called *Pine-tree shilling*.
HIRAM H. COOPER.
164. Eleven CHERT ARROWHEADS, found in Stuyvesant, Columbia county.
AARON VAN ALLEN.
165. A CANNON BALL, found near the junction of the Battenkill with the Hudson river, on the farm where Burgoyne erected a breast-work, etc. during the revolutionary war.
Mrs. S. M. LANSING MERCHANT.
166. Several CHERT ARROWHEADS ; also fragments of HUMAN BONES and INDIAN POTTERY, obtained from an ancient indian burying-ground on the banks of Connecticut river. A. MARKS.
167. An INDIAN CHERT ARROWHEAD (large) : found in Bethlehem, Albany county.
L. M'MULLEN SELKIRK.
168. A fragment of INDIAN POTTERY : found on the banks of the Hudson river, six miles above the High falls. This fragment, which is two inches long and one and a half wide, represents the head and about one half of the shell of a tortoise : it appears to have been a portion of a pipe. EBENEZER EMMONS.
169. A specimen of CLOTH made of the BARK of the BREADFRUIT TREE, by the natives of one of the islands of the Pacific ocean.
FERDINAND WEIL.
170. A piece of one of the OAK TREES cut down in the town of Argyle, Washington county, in the year 1797, for the purpose of constructing a navy, under the administration of John Adams.
- There were at that time two gigantic oaks which grew near together, that were cut for the abovenamed purpose. One of them was hewed, and afterwards drawn by fifteen yoke of oxen, with the forward end elevated on a huge wood-sled. When they had got out of the woods, a "stump speech" was delivered by one of the party from the forward end of the stick, as a stage. After passing the bottle around, according to the custom of the times, they moved on with shouts of overflowing patriotism that almost seemed to inspire even the dull ox with more than his ordinary ambition, and thus delivered the stick at a place then called Dumont's Ferry, a short distance below Fort Miller.
- The other tree, of which the piece presented to the State Cabinet is a part, was cut and scored on two sides, and partly hewed; but

owing to some small defect, it was abandoned. About twelve years subsequent to that time, it was split into rails, and laid up into fence. Only a few of the rails now remain, and it was with some trouble that a few pieces were obtained which bear the marks of the axes of those who scored and partly hewed the stick; one of which is seen on the piece presented. JAMES H. SILL.

171. Two INDIAN ARROWHEADS, made of greasy quartz; one ditto, made of yellow jasper: from Suffolk county. E. T. SMITH.
172. A STONE AXE, eleven inches in length. This relic was found several feet below the surface, in digging a well at Poughkeepsie, Dutchess county. A. HEYER BROWN.
173. A MILITARY CAP PLATE of the Revolution. DESIGN: The American Eagle with extended wings, surmounted by thirteen stars. MOTTO: "Unity is Strength," 1776. MRS. MERCY VALENTINE.
174. An ANCIENT MILLSTONE, plowed up in the town of Conesville, Schoharie county, in the summer of 1850. The stone is graywacke, twenty inches in diameter and two inches thick, and was used in the early settlement of the country in a hand-mill. ABRAHAM J. WARNER.
175. A CAMP KNIFE, dug up by James Stewart, esquire, of Guy Park in the town of Amsterdam, Montgomery county, formerly the residence of Sir Guy Johnson of tory memory in the days of the revolution, and is a relic of those times. M. S. GOODALE.
176. A CHISEL and a DEERSKIN-DRESSER, made of greenstone: found in Cherryvalley, Ashtabula county, Ohio. THEODORE MILLS.
177. A STONE AXE and a WHITE CHERT ARROWHEAD: found in Cherryvalley (Ohio). THEODORE MILLS.
178. A STONE CHISEL, and also two regularly rounded PEBBLES: found in the town of Bethlehem, Albany county. PETER G. BRADT.
179. An IRON KEY, taken from the Halls of Montezuma, Mexico, on the twelfth day of June 1848, and which originally belonged to the palace garden gate. W. A. HOTCHKISS.
180. A CLAY DRINKING CUP, in the form of a duck, from the Sandwich islands; also a HEADRESS made of seashells. BENJAMIN KNOWER.

181. A part of the SHOT-RACK of the British Frigate Hussar, with four CANNON BALLS ; also a MUSKET, and a BAYONET and SCABBARD.

The Frigate Hussar was lost December 15th, 1780, off Stoney island on Westchester county shore, having struck Pot rock in Hurlgate. She was loaded with troops, ammunition, and supplies for the British army in this country. The troops and crew had barely time to reach the shore before she sunk, with seventy American prisoners, who were in irons and could not be rescued. These relics were obtained by Messrs. Pratt & Howe, in the month of August 1851, by the aid of Taylor's submarine armour, after having been buried over seventy years. The wreck lies seventy-six feet deep at high water.

HENRY B. TODD.

182. Four MUSKET-BALLS and two BUCKSHOT, from the battlefield of Lundy's Lane, Canada West.

JAMES A. HURST.

183. An IRON KEY and a BRASS BELT-SLIDE, dug up at Fort Ticonderoga in the year 1849, by

WILLIAM THORN.

184. An IRON WORMER, used for drawing charges from muskets ; found on the grounds near Fort William-Henry.

HIRAM WOOD.

185. An ANCIENT SWORD, SCABBARD and BELT. The blade of the sword appears to be of the best of steel, mounted with brass ; and on either side of the blade, in large capitals, is engraved the following : " God Bless the Province of New-York."

This sword was the property of a provincial officer who served in early French and Indian wars on the frontiers of New-York and Vermont, and who died at an advanced age more than fifty years ago. His property was sold at auction, and this sword was purchased by Mr. Francis Cobb of Cornish in Sullivan county, New-Hampshire (a remote connection of its former owner), and remained in his possession while he lived. Mr. Cobb died some two or three years since (about 1849), more than ninety years old ; and when his property was inventoried, the sword was found among some rubbish in the attic of his house : it was purchased for a small sum, and presented to the New-York State Antiquarian Society by

ELEAZAR JACKSON.

186. A BRICK, made from the natural soil without any admixture. Brought from the city of New-York ; being a specimen of the kind used in the erection of the new building on the southwest corner of Thames-street and Broadway, near Trinity Church, and called " Trinity Building " : manufactured at Buffalo, Erie county.

R. SPENCER DYER.

PURCHASES.

FROM WILLIAM C. HOSMER, OF AVON.

1. INDIAN ARROWHEADS(6), picked up in the ploughed fields in the vicinity of Avon, Livingston county.
2. INDIAN ARROWHEADS of small size, used by indian boys in killing birds and inferior game(9). These arrows were inserted into the split end of tough wooden shafts, and fastened at the notches with ligatures of sinew or string bark.
3. INDIAN ARROWHEADS(4), found on a plain near Fort Niagara, and of greater antiquity than those of flint formation.
4. INDIAN ARROWHEADS(2), found on the farm of Timothy Hosmer, in the town of Porter, Niagara county, near the Lake shore ; one of them curiously twisted.
5. A HATCHET-SHAPED FLINT, obtained from Col. Jewett of Lockport.
6. BROKEN ARROWHEADS.
7. STONE DEERSKIN-DRESSERS, found on the farm of Mr. Hurlburt, in the northeast part of the town of Avon.
8. STONE DEERSKIN-DRESSER, found on the farm of Jephtha Wilber, Avon.
9. STONE DEERSKIN-DRESSER, found on the farm of James Wadsworth, near Borley's mill in the bend of the Conesus outlet, town of Livonia, Livingston county. The place where they were found was called "Fort Hill" by the early settlers ; and mound, trench, and gateway were visible in the memory of men now living.
10. STONE PESTLE, used in pounding maize ; found on the farm of Jephtha Wilber, Avon.
11. ANCIENT STONE HATCHET of rude construction, found on the site of the old village of Cannewangus (stinking waters), so called from its vicinity to the Mineral springs of Avon. After Denonville's invasion, the indians removed to the west side of the Genesee.
12. ANCIENT STONE PIPE-BOWLS(2), found in Rush, Monroe county.
13. ANCIENT STONE PIPE-BOWLS, found near Fort Hill : very rude specimens.

14. CLAY PIPE-STEMS, found in the vicinity of Avon.
15. CLAY PIPE-STEMS, found in Mendon, Monroe county, near the site of the village known in the seventeenth century to the French as "Dyen-de-haak-doh," or the Bend ; having been situated in an arm of the Hone-yah-yah (called by the whites Honeoye), or the place where the finger was left. The tradition is, that an indian, while gathering strawberries on its banks, was bitten by a copperhead on one of his fingers ; and that to prevent a spread of the venom, he severed it from his hand with a hatchet.
16. FRAGMENTS OF ANCIENT POTTERY, picked up at various points in the valley of the Genesee.
17. ANCIENT POTTERY found by Mr. Hosmer, together with a paint stone, in a mound of the Yemassee, near the ocean beach at San Pablo, on St. John's river, Florida.
18. STEEL HATCHET, found on the Wilber farm (Avon), in an old grave.
19. BONES, etc. taken from an indian grave near Fort Niagara.
20. SWORD-BELT PLATE, found near Cannewangus landing, by a workman on the Canal, many feet below the surface ; together with human bones, and a fragment of a military coat that crumbled on exposure to the air. It is perforated by a bullet. It bears the inscription, "104, New-Brunswick Regiment," surmounted by the English crown. Some luckless British soldier, taken in some distant expedition of the conquering Iroquois, may have been the victim of Indian warfare.
21. STONE IMPLEMENTS, found on the farm of William Wadsworth near Fowlerville bridge, York, Livingston county.
22. PAINT STONE referred to in No. 17. The bottom of the stone, when discovered, was red with vermilion or some of the coloring matters.
23. LEADEN CROSS, of Maltese shape, referring to missions of the Jesuits ; and a bone rifle charger, found in a field that is known in song as "The Place of Bones." This field lies at the foot of a wooded ridge, in view of the village of Avon, and is supposed by some to have been the scene of conflict between Denonville and the Senecas.
24. FRENCH AXES, found at an old Jesuit station on the Mendon road.
25. FRENCH AXES, found on the site of a village near the dividing line between Avon and Lima, supposed to have been a famous town known to the Jesuits in the seventeenth century as Dyi-don-sot, or Village at the spring.

26. DECOY FISH, used by the Sagenaw indians, Michigan, in winter. They drop the decoy through a hole cut in the ice, to entice the trout from his watery lair below : as he approaches the surface, the expert spearman on the watch easily secures the prize.
27. FRAGMENTS of FIRE-ARMS, picked up on the supposed battle-ground of Denonville.
28. CANNON BALL found by workmen, while building a bridge at Littleville, across the Conesus, four or five feet below the bed of the stream.
29. TEETH of ANIMALS, etc. found in an indian burial-place near the banks of the Genesee.
30. LARGE ARROWHEAD and STONE DEERSKIN-DRESSER, found on the farm of F. M. Cutler, in a field south of Gore brook, Avon, bound with bark cord of indian manufacture.
31. HEAVY BAR of LEAD, stamp still visible ; knife point ; fragment of a skull ; stone deerskin-dresser, and fragments of brazen implements, found in graves in a sidehill on the farm of Richard Wilber, Avon. A bone cross, "lined and specked," was also found, but subsequently either lost or stolen. Below the depth penetrated by the ploughshare, ashes, charcoal, and charred kernels of maize are discovered in this hill of burial. The cross would indicate that it was formerly a Jesuit station.
32. BEADS of red pipe-stone ; bone elegantly polished ; glass ; variegated shell, and brass and copper, found at different points of indian occupancy in the Genesee valley.
33. A SECTION of a CIRCLE, perforated near the rim with holes ; fragment of some unknown implement of red pipe-stone, neatly cut and polished ; and a *large bead* with a human head on one side of it, delicately carved and exquisitely proportioned : found in the old burial-place of Cannewangus.
34. STONE of octagonal shape, hollowed out : supposed to have been used by indian jugglers. Paint-stone ? Found on the Street farm (so called), which is situated three miles from Avon, in a northwest direction, on the west side of the river, in Livingston county.
35. STONE CHISEL (in two pieces), used in excavating canoes. Found near Spanish hill, a few miles from Athens, Tioga county, which has been occupied for purposes of fortification, and indian traces abound.

36. STONE DEERSKIN-DRESSER ; and,
37. A FRAGMENT of a PIPE (as is supposed). Found near Fowlerville bridge, in the town of Avon, on a farm of W. W. Wadsworth, after the first ploughing of a new field, about one mile from the river bed, and three and a half miles in a southwesterly direction from Avon springs.
38. A BONE FISH-SPEAR, found on the Hurlburt farm in Avon, four miles in a northeast direction from the springs, at a place known to the inhabitants as Fort Hill : it was unquestionably a Jesuit station. The place was destroyed by Denonville in 1687. Corn, in a charred state, is found commingled with the subsoil. Bone crosses have been discovered, and rosaries ; also many articles used by the French traders in Indian traffic.
39. A STONE IMPLEMENT, with a handle like a mason's smoothing trowel. This implement was found near a spring on the farm of Ira Pierson in the town of Avon, about two miles in a southeast direction from the village of West-Avon.
- Mr. JOHN GEBHARD junior states, that "this unique relic is made of the *steatitic pyroxene* of Prof. LEWIS C. BECK (*rensselaerite* of Dr. EMMONS); and from its strong resemblance to the specimens of that mineral from Edwards, St. Lawrence county, the material from which it is constructed is undoubtedly from that locality. It was probably used in dressing deerskins, and for smoothing and softening the seams in manufacturing moccasins and other articles made from skins. It evidently belongs to the ante-columbian period."
40. VARIOUS BEADS. These beads were found in various places in the valley of the Genesee : at the Jesuit stations previously referred to ; the old indian burial-place, near the red bridge that crosses the river one mile west of West-Avon village ; and a few were found near Fort Niagara, and in the valley of the Susquehannah.
41. STONE DEERSKIN-DRESSER. Found on the farm of Francis M. Cutler, in West-Avon.
42. STONE DEERSKIN-DRESSER. Found on the Wilbur farm.

FROM E. G. SQUIER, OF NEW-YORK.

43. FLINT ARROWHEADS From Cayuga county, 7 specimens ; Monroe county, 2 ; Livonia, Livingston county, 2 ; vicinity of Buffalo, Erie county, 1 ; Ellisburgh, Jefferson county, 1 ; and 4 from localities not named.

44. FRENCH AXES(2). From Cayuga village, Cayuga county.
45. INDIAN PESTLE. From Cayuga county.
46. COPPER KETTLE. From an indian grave in Scipio, Cayuga county.
47. GUNBARREL. From the site of Denonville's battle with the Senecas (1687), near Victor, Ontario county.
48. SCALPING-KNIFE. From the grave of a Cayuga warrior in Scipio, Cayuga county.
49. STONE AXES(4). From Springport, Cayuga county ; Adams, Jefferson county ; Ellisburgh, Jefferson county ; and one locality not named.
50. FRAGMENTS of POTTERY. From the site of a Seneca village, Livonia, Livingston county.
51. FRAGMENTS of POTTERY. From the site of an old Seneca village in Mendon, Monroe county.
52. PIPES, POTTERY (5 boxes). From an ancient enclosure in the town of Ellisburgh, Jefferson county.
53. PIPES, POTTERY, &c. (4 boxes). As No. 52.
54. TERRA-COTTAS. From Leroy, Genesee county, 2 specimens ; Ellisburgh, Jefferson county, 7 ; Scipio, Cayuga county, 1 ; and locality not named, 1.
55. POTTERY. From Ellisburgh, Jefferson county, 3 specimens ; and from an ancient village of the Senecas, Livonia, Livingston county, 1.
56. COPPER KNIVES, and other metallic articles. From an old Seneca village, Livonia, Livingston county.
57. POTTERY. From an ancient enclosure in Jefferson county, 2 specimens ; from Scipio, Cayuga county, 2 ; and from Livonia, Livingston county, 2.
58. VARIOUS ARTICLES of POTTERY (2 boxes). From an enclosure or mound near Buffalo.
59. VARIOUS ARTICLES of POTTERY. From a large mound on Tonawanda island, in Niagara river : excavated by E. G. Squier, November, 1848.
60. HUMAN REMAINS. From the great mound on Tonawanda island.
61. BONE IMPLEMENTS. From Ellisburgh, Jefferson county, 3 specimens ; from Leray, Jefferson county, 1.
62. STONE AXES. From Buffalo, 1 ; Livonia, Livingston county, 1 ; Ellisburgh, Jefferson county, 1.
63. DEPOSITS from altar mounds of the Mississippi valley.
64. DEPOSITS from sepulchral mounds of the Mississippi.
65. MORTAR, from the old tower at Newport, Rhode-Island.

FROM LEWIS H. MORGAN, OF ROCHESTER.

ARTICLES MANUFACTURED AT SPECIAL REQUEST, BY INDIANS RESIDING IN
WESTERN NEW YORK.

The name of each article is in the Seneca dialect of the Iroquois language.

[ä is sounded as in *arm*; ä, as in *at*; a, as in *ale*.]

66. Gä-no-jo-o : INDIAN DRUM (3 varieties). Used in dances.
67. Gus-dä-wa-sä : TURTLE-SHELL RATTLE (2 specimens). Used in dances.
68. Gus-dä-wa-sä : SQUASH-SHELL RATTLE (4 varieties). Used in dances.
69. Gus-dä-wa-sä Yen-che-no-hos-ta : KNEE RATTLE, of deer hoofs (one pair). Used in dances.
70. Gä-gch-tä Yen-nis-hä-hos-ta : ARM-BANDS (1 pair).
71. Yen-nis-ho-quä-hos-ta : WRISTBANDS (1 pair).
72. Gä-gch-tä Yen-chc-no-hos-ta-ta : KNEE-BANDS (1 pair).
73. Gä-gch-tä : INDIAN BELT (3 varieties).
74. Ah-tä-quä-o-weh : MOCCASIN, for male (1 pair).
75. Ah-tä-quä-o-weh : MOCCASIN, for female (1 pair)
76. Gä-kä-ah : KILT or SKIRT, worn in war dance.
77. Gä-kä-ah : KILT or SKIRT, worn by indian women.
78. Gise-hä : LEGGIN, for male (1 pair).
79. Gise-hä : LEGGIN, for female (1 pair).
80. Gä-swhen-tä : NECKLACE.
81. Ya-wa-o-dä-qua : PINCUSHION (3 varieties).
82. Gä-yä-ah : WORKBAG (5 varieties).
83. Got-gwen-dä : POCKETBOOK (6 varieties).
84. Gä-kä : BREECHCLOTH. Used in ball-game, foot-race, etc.
85. Gä-de-us-ha : WAMPUM NECKLACE. Da-yu-yä-sont, name of a cross.
86. Ya-wa-o-dä-quä : NEEDLEBOOK (5 varieties).
87. Ga-on-seh : BABY FRAME.
88. Gä-o-wä : BARK TRAY (3 specimens).
89. Ah-de-gwas-hä : HOMINY BLADE, or SOUP-STICK (4 specimens).
90. Ah-was-hä : EARRING (1 pair).
91. Gä-jih : BOWL, for a game with peachstones.
92. Gus-ka-ch : PEACHSTONES (6 specimens).
93. Gus-ga-e-sa-tä : DEER BUTTONS, for an indian game (8 specimens, or one set).
94. Gä-gch-dä : JAVELIN or SHOOTING-STICK, for an indian game (18 specimens).
95. Yun-ga-sa : TOBACCO POUCH (4 specimens).

96. Gä-ne-gä-tä : MORTAR, for pounding corn (2 specimens).
97. Gä-nih-gä-dä : MORTAR POUNDER (2 specimens).
98. Gä-ne-ah : BALL BAT, used in playing an indian game (4 specimens).
99. Gä-wä-sä : SNOWSNAKE (4 specimens).
100. Gä-je-wä : WAR-CLUB, with ball head (4 specimens).
101. Gä-neu-ga-o-dus-ha : WAR-CLUB, with deer-horn tooth (2 specimens).
102. O-sque-sont : TOMAHAWK.
103. Ah-so-quä-ta : PIPE (made from a *cyathophyllum*).
104. Wä-a-no : INDIAN BOW (6 specimens).
105. Gä-no : ARROW (50 specimens).
106. Gä-go-shä : FALSE FACE.
107. Gä-weh-ga-ä : SNOWSHOE (3 pairs).
108. O-tä-quä-osh-ha : SNOWSHOE, of splint (1 pair).
109. Gä-sken-dä : BARK ROPE, made of slippery elm.
110. Gus-hä-ah : BURTHEN-STRAP, made of slippery elm.
111. Gus-hä-ah : BURTHEN-STRAP, made of basswood.
112. Ose-gä : SKEIN of slippery elm strings.
113. Ose-hä : SKEIN of basswood-bark strings.
114. Ah-da-dä-quä : INDIAN SADDLE.
115. Gä-na-quä : BARK BARREL. Used for beans, dried corn, etc.
116. Gä-oo-wä : BARK SAP-TUB (3 specimens).
117. O-nus-quä Ah-hose-hä : KNOT BALL (2 specimens). Used in playing a game.
118. O-no-neä Gos-ha-dä : HUSK SALT-BOTTLE (2 specimens).
119. O-je-she-wä-tä : CAKE of deer's brains and moss, for tanning deerskins.
120. Gä-nuh-sä : BREASTPLATE of shells.
121. Got-kase-hä : AXEHELVE.
122. Gä-ga-an-dä : AIR-GUN.
123. Dä-ya-yä-dä-gä-ne-at-hä : Bow and WHEEL for striking fire.
124. Gä-gis-dä : STEEL, FLINT and PUNK, for striking fire.
125. Gis-tak-he-ä : SKIN BAG (speckled fawn).
126. Gis-tak-he-ä : SKIN BAG (bearskin).
127. Tuesh-tä-ga-tas-tä : TIN BREASTPLATE.
128. Skä-wä-ka : SPLINT BROOM.
129. Ya-o-dä-was-tä : INDIAN FLUTE.
130. Ne-us-tase-ah : BASKET SIEVE. Used for sifting white corn.
131. O-ne-ose-to-wa-nes : BASKET SIEVE, coarser; for white-flint corn.
132. Ta-gase-hä : MARKET BASKET.
133. Gase-hä : COVERED BASKET.
134. O-gä-kä-ah : OPEN-WORK BASKET (3 specimens).
135. Ga-yuh : SPLINT CRADLE.

136. Gä-nose-hü : HUSK and FLAG BASKET (4 specimens).
137. Ya-nuh-ta-dä-quä : TOILET BASKET.
138. O-gus-ha-ote : SMALL SQUARE BASKET (17 specimens). These baskets are numbered from 1 to 17 inclusive, and contain specimens of the several varieties of corn, beans, squashes, tobacco, dried corn, etc. raised and prepared by the Senecas, viz :
- I. O-na-o-ga-ant : WHITE CORN.
 - II. Tic-ne : RED CORN.
 - III. Ha-go-wä : WHITE-FLINT CORN.
 - IV. O-nä-dä : CHARRED, OR ROASTED CORN.
 - V. O-go-ou-sä : BAKED CORN.
 - VI. O-si-dä : LONG-VINE BEAN.
 - VII. Gweh-dä-ä O-si-dä : RED BEAN.
 - VIII. Te-o-gä-ga-wä O-si-dä ; SPECKLED BEAN.
 - IX. Ta-gä-gä-hät : SHORT-VINE BEAN.
 - X. Ah-wa-owd-dä-go : RED-FLOWER POLE-BEAN.
 - XI. Hä-yoke : CRANBERRY POLE-BEAN.
 - XII. O-gä-gä-ind : GRAY SQUASH.
 - XIII. Gä-je-ote : BIG-HANDLE SQUASH.
 - XIV. Sko-ak : TOAD SQUASH.
 - XV. O-ne-ä-sä-ä-weh : SMALL SQUASH.
 - XVI. O-yeh-quä-ä-weh : INDIAN TOBACCO.
 - XVII. O-so-wa : PARCHED CORN pounded into flour, with maple sugar.
139. Gä-no : ARROW for air-gun (2 specimens).
140. O-sque-sont : TOMAHAWK. Used in the bear hunt.
141. Da-ya-no-a-quä-tä Gä-ga-neä-sä : SCALPING-KNIFE (2 specimens).
142. O-na-o-ga-ant : TWO EARS of white corn.
143. Tic-ne : TWO EARS of red corn.
144. Ho-go-wä : TWO EARS of white-flint corn.
145. Gus-to-weh : HEAD-DRESS.
146. Gä-ger-we-sä Dun-daque-quä-do-quä : NEWYEAR'S SHOVEL.
147. To-do-war-she-do-wä : RIBBON for hair.
148. Gä-de-us-ha : NECKLACE.
149. De-con-deä-da-hust-tä : BELT for female costume.
150. Ah-de-a-dä-we-sä : FEMALE UPPER DRESS, with silver broaches, etc.
151. Dä-yase-ta-hos-ta : SILVER HATBAND.
152. Yen-nis-ho-quä-hos-ta : SILVER WRISTBANDS (1 pair).
153. To-an-jer-go-o O-no-no-do : GROUNDNUTS (*Apios tuberosa*), from Tonawanda.

ARTICLES MANUFACTURED AT SPECIAL REQUEST, BY INDIANS RESIDING IN
CANADA WEST.

154. Gä-däs-hä : SHEAF for carrying arrows.
 155. Gä-je-wä : WARCLUB, with ball head.
 156. Gä-such-tä Ote-ko-ä : BELT of WAMPUM.
 157. Ote-ko-ä : STRING of WAMPUM.
 158. Ah-so-quä-tä : STONE PIPE.
 159. Da gü-yä-sont : SILVER CROSS, 8 inches by 5.
 160. Da-gä-yä-sont : do 6 inches by 4.
 161. Da-gä-yä-sont : do 3 inches by 1½ (2 specimens).
 162. Au-ne-as-gä : SILVER BROACH, 4 inches diameter.
 163. Au-ne-as-gä : do 3 inches diameter.
 164. Au-ne-as-gä : do 1½ inches diameter. There are in all
 13 broaches of various sizes.
 165. Au-ne-as-gä : SILVER BROACH (2 specimens).
 166. Au-ne-ä-hus-hä : FINGER-RING (4 specimens).
 167. Ah-was-hä : EARRINGS (1 pair).
 168. Dä-yase-ta-hos-ta : SILVER HATBAND.
 169. Ont-wis-tä-ne-un-dä-quä : SILVER BEADS (long).
 170. O-wis-tä-no-o O-sta-o-quä : ROUND SILVER BEADS (variety).
 171. Gä-ose-hä : BABY FRAME.
 172. Gä-swä-hos-hä : BABY-FRAME BELT.
 173. Gä-nose-gä : BABY-FRAME BELT (2 specimens).
 174. Da-ya-he-gwä-hus-ta : HATBAND of BROACHES.
 175. Gä-yä-ah : SACHEL.
 176. Gä-ya-äh : WORKBAG.
 177. Ya-wa-o-dä-qua : PINCUSHION (2 specimens).
 178. Gä-kä-ah : KILT, made of fawn skin.
 179. Got-ko-on-dä Gise-hä : DEERSKIN LEGGIN.
 180. Da-yunt-wä-hos-tä : DEERSKIN WAIST-BELT.
 181. Yunt-ka-to-dä-tä : DEERSKIN SHOULDER-BELT.
 182. Ah-tä-quä-o-weh : MOCCASIN (3 specimens).
 183. HAIR ORNAMENT.
 184. SHOT-POUCH.
 185. Gät-go-ne-as-heh : HOMMONY BLADE (2 specimens).
 186. Gät-go-ne-as-heh : do a chain cut on the end of the
 handle.
 187. Ya-ä-go-jen-ta-quä : BREAD-TURNER.
 188. Ah-do-gwä-seh : WOODEN LADLE (4 specimens).
 189. Ah-do-gwä-seh : BARK LADLE.

190. Ah-do-gwä-seh : WOODEN SPOON.
191. Gä-na-quä : BARK BARREL (3 sizes).
192. Gä-o-wä : BARK TRAY (6 sizes).
193. Gä-oo-wä : BARK SAP-TUB.
194. Gä-te-as-hä : GLASS BEADS.
195. Gä-no-sä : CONCH-SHELL BREAST-PLATE.
196. Ah-dä-dis-hä : CANE (2 specimens).
197. Ah-so-quä-tä : PIPE, made of Missouri stone.
198. Ah-so-quä-tä : PIPE, made of black stone.
199. Ah-so-quä-tä : PIPE, made of nodule.
200. Ah-so-quä-tä : PIPE, made of wood and lead.
201. Gä-gä, ne-as-heh : BELT and KNIFE.
202. Gus-dä-wah-sä : TURTLESHELL RATTLE (2 specimens).
203. O-no-gä Gus-dä-wah-sä : HORN RATTLE.
204. Gus-to-weh : HEADDRESS.
205. Gä-wä : MOCCASIN AWL.
206. BUNCH of SUMAC.
207. O-yeh-quä-ä-weh : INDIAN TOBACCO.
208. Gis-tät-he-o Gä-yä-ah : FAWNSKIN BAG.
209. Gus-dä-wa-sä Yen-che-no-hos-ta : KNEE-RATTLE, of deer-hoofs.
210. SPEAR used in the war of 1812.
211. Gä-ne-a-ga-o-dus-ha : WAR-CLUB.
212. Ya-o-dä-was-tä : INDIAN FLUTE (2 specimens).
213. Wä-a-no : INDIAN BOW.
214. Gä-ne-ah : BALL-BAT.
215. Gä-no : ARROW, pointed with deer's horn.
216. Gä-no : FEATHERED ARROWS (18 specimens in sheaf).
217. O-dä-da-one-dus-tä : EYE-SHOWERER.
218. Yun-ga-sa : TOBACCO-POUCH, made of the foot and leg of the snapping turtle.
219. Gä-go-sä : FALSE FACE.
220. O-ä-ta-ose-kä : MOOSEHAIR BURTHEN-STRAP.
221. Gus-hä-ah : MOOSEHAIR and BARK BURTHEN-STRAP.
222. Gus-hä-ah : BURTHEN-STRAP (bark thread and worsted).
223. Gus-hä-ah : BURTHEN-STRAP (bark, with moosehair figures).
224. Gä-te-äs-hä Gä-a-o-tä-ges : GRASS SHOULDER-ORNAMENT.
225. Yout-kä-do-quä : BASKET FISH-NET.
226. HUSK MOCCASINS (one pair).
227. Gä-a-sken-dä : BARK ROPE, made of basswood filaments.
228. Gä-a-sken-dä : BARK ROPE (2 specimens from Tonawanda).
229. Ose-gä : SKEIN of SLIPPERY-ELM THREAD.
230. Ose-gä : SKEIN of ditto, colored.

231. Ose-gǎ : TWISTED INTO STRINGS.
 232. Ose-gǎ : STRIPS OF SLIPPERY ELM BARK.
 233. O-sǎ : SKEIN OF BASSWOOD FILAMENTS.
 234. O-sǎ : STRIPS OF BASSWOOD BARK.
 235. Go-yo-ga-ace : FINGER-CATCHER.
 236. BIRD-TRAP, for catching quails.
 237. Gus-hǎ-ah : DEERHAIR BURTHEN-STRAP.
 238. Gus-hǎ-ah : BASSWOOD BURTHEN-STRAP.
 239. Ne-us-tase-ah : BASKET SIEVE.
 240. Gase-hǎ : COVERED BASKET.
 241. O-gǎ-kǎ-ah : OPEN-WORK BASKET.
 242. Ta-gase-hǎ : MARKET BASKET.
 243. Gǎ-geh dǎ : JAVELIN, OR SHOOTING-STICK.
 244. Ah-de-gwas-hǎ : HOMINY BLADE.
 245. PADDLES (6 specimens).
 246. Yun-des-ho-yon-dǎ-gwat-hǎ : POP-CORN SIEVE.
 247. An-ne-us-gǎ : SILVER BROACH (9 specimens on a card).
 248. An-ne-us-gǎ : do (20 small specimens on a card).
 249. Gǎ-ka-ah : SKIRT.
 250. Gise-hǎ : LEGGINS for female (one pair).
 251. Ah-de-a-dǎ-we-sǎ : FEMALE OVERDRESS.
 252. E-yose : BROADCLOTH BLANKET.
 253. O-sta-o-quǎ : BEAD NECKLACE.
 254. Gǎ-ka-ah : SKIRT for female.
 255. Gise-hǎ : LEGGINS for female (one pair).
 256. Ah-de-a-dǎ-we-sǎ : OVERDRESS for child.
 257. Yen-nis-ho-quǎ-hos-ta : WRISTBANDS OF BEADS (one pair).
 258. O-ha-dǎ : PORCUPINE QUILLS.
 259. DEER'S HAIR, used for making burthen-straps, etc.
 260. Da-ya-no-tǎ-yen-dǎ-quǎ : SNOW-BOAT.
 261. Gǎ-wǎ-sǎ : SNOW-SNAKE (5 specimens).
 262. Gǎ-ne-ko-wǎ-ah : BURTHEN FRAME.
 263. Gǎ-no-sote : BARK HOUSE.
 264. Gǎ-snǎ Gǎ-o-no : BARK CANOE.

 FROM VARIOUS PERSONS.

265. Gǎ-yǎ-ah : WORKBAG (2 specimens).
 266. Da-ya-he-gwǎ-hus-tǎ : HATBAND OF BROACHES.
 267. An-yus-gǎ : SILVER BROACH (large variety).
 268. An-yus-gǎ : SILVER BROACH (smaller variety).

269. An INDIAN PIPE, manufactured from the *steatitic pyroxene* of Prof. LEWIS C. BECK. Found near Fort George, Warren county.

This relic presents the best specimen of indian design and sculpture ever found in this State. It is three inches in height, and represents an indian in a sitting posture, with his arms resting upon his knees. The back constitutes the bowl of the pipe, at the lower extremity of which there is a hole for the insertion of the stem.

270. An INDIAN RELIC, plowed up at the depth of a foot beneath the surface of the soil, in the town of Commerce, Oakland county, Michigan, in the year 1848.

This relic is made of *novaculite*, and in the form of an axe with two edges, with a hole in the centre for the insertion of a handle.

271. TOMAHAWK, which formerly belonged to the celebrated Indian Chief CORNPLANTER.

COLLECTION

OF THE LATE

H. CASIMIR DE RHAM, JUNIOR :

PRESENTED BY HIS PARENTS,

MR. AND MRS. H. C. DE RHAM.

THE DE RHAM COLLECTION,

MAMMALIA.

ORDER CARNIVORA.

FAMILY SORECIDÆ.

Latin Names.	English Names.
1 CONDYLURA CRISTATA.	<i>Starnose Mole</i> (male, female, and two young).
2 SOREX DEKAYI.	<i>Dekay's Shrew.</i>

FAMILY URSIDÆ.

3 PROCYON LOTOR.	<i>Raccoon.</i>
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FAMILY MUSTELIDÆ.

4 MEPHITIS AMERICANA.	<i>Skunk.</i>
5 MUSTELA FUSCA.	<i>Brown Weasel.</i>
6 PUTORIUS NOVEBORACENSIS.	<i>New-York Ermine.</i>
7 PUTORIUS VISON.	<i>Mink.</i>

FAMILY CANIDÆ.

8 VULPES FULVUS.	<i>Red Fox.</i>
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FAMILY FELIDÆ.

9 LYNXUS BOREALIS.	<i>Northern Lynx.</i>
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ORDER RODENTIA.

FAMILY SCIURIDÆ.

10 SCIURUS LEUCOTIS.	<i>Little Grey Squirrel</i> (male and female).
11 SCIURUS VULPINUS.	<i>Fox Squirrel.</i>
12 SCIURUS NIGER.	<i>Black Squirrel</i> (male and female).
13 SCIURUS HUDSONICUS.	<i>Red Squirrel</i> (male and female).
14 SCIURUS HUDSONICUS.	<i>Red Squirrel</i> (albino).
15 SCIURUS STRIATUS.	<i>Striped Squirrel.</i>
16 PTEROMYS VOLUCELLA.	<i>Flying Squirrel.</i>

FAMILY ARCTOMIDÆ.

Latin Names.	English Names.
17 ARCTOMYS MONAX.	<i>Woodchuck.</i>

FAMILY GERBILLIDÆ.

18 MERIONES AMERICANUS.	<i>Deermouse.</i>
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FAMILY CASTORIDÆ.

19 FIBER ZIBETHICUS.	<i>Muskrat, or Musquash (m. and f.).</i>
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FAMILY MURIDÆ.

20 MUS LEUCOPUS.	<i>Jumping Mouse.</i>
21 ARVICOLA RUFESCENS.	<i>Tawny Meadow-mouse.</i>

FAMILY LEPORIDÆ.

22 LEPUS NANUS.	<i>American Grey Rabbit.</i>
23 LEPUS AMERICANUS.	<i>Northern Hare (m., f. and y.).</i>
24 ERINACEUS EUROPEUS.	<i>Hedgehog (old and young), from England.</i>
25 CAPRA IBEX (Linneus).	<i>Skull and horns of the male, from the Alps.</i>

BIRDS.

ORDER ACCIPITRES.

FAMILY VULTURIDÆ.

1 CATHARTES GRYPHUS.	<i>Condor (male), from the Andes.</i>
2 CATHARTES AURA.	<i>Turkey Buzzard (male).</i>

FAMILY FALCONIDÆ.

3 AQUILA CHRYSÆTOS.	<i>Golden Eagle (male).</i>
This fine specimen was shot a few years since at Islip, Suffolk county, and is the identical one referred to by DEKAY in his Zoology of New-York, Part II, page 4.	
4 HALLETOS LEUCOCEPHALUS.	<i>Bald Eagle (male and female).</i>
5 PANDION CAROLINENSIS.	<i>American Fish-hawk (male), with a fish in the beak.</i>
6 BUTEO SANCTI-JOANNIS.	<i>Rough-legged Buzzard (m. and f.).</i>

Latin Names.	English Names.
7 BUTEO BOREALIS.	<i>Red-tailed Buzzard</i> (male).
8 NAUCLERUS FURCATUS.	<i>Swallow-tailed Hawk</i> (male).
9 FALCO COLUMBARIUS.	<i>Pigeon Hawk</i> (male and female).
10 ASTUR ATRICAPILLUS.	<i>American Goshawk</i> (male).

FAMILY STRIGIDÆ.

11 SURNIA FUNEREA.	<i>Hawk Owl.</i>
12 SURNIA NYCTEA.	<i>Snowy Owl</i> (male).
13 BUBO ASIO.	<i>Little Screech-owl</i> (male and female).
14 OTUS PALUSTRIS.	<i>Short-eared Owl</i> (male).
15 ULULA NEBULOSA.	<i>Barred Owl</i> (male and female).
16 ULULA ACADICA.	<i>Acadian Owl</i> (male).

ORDER PASSERES.

FAMILY CAPRIMULGIDÆ.

17 CAPRIMULGUS VOCIFERUS.	<i>Whippoorwill</i> (male).
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FAMILY HIRUNDINIDÆ.

18 HIRUNDO PURPUREA.	<i>Purple Martin</i> (male).
19 HIRUNDO FULVA.	<i>Cliff Swallow</i> (male and female).

FAMILY AMPELIDÆ.

20 BOMBYCILLA CAROLINENSIS.	<i>Cedar-bird</i> (female).
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FAMILY ALCEDINIDÆ.

21 ALCEDO ALCYON.	<i>Belted Kingfisher</i> (young male).
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FAMILY CERTHIDÆ.

22 TROGLODYTES ÆDON.	<i>House Wren</i> (male).
23 TROGLODYTES LUDOVICIANUS.	<i>Mocking Wren</i> (male).
24 TROGLODYTES PALUSTRIS.	<i>Marsh Wren</i> (male).

FAMILY PARIDÆ.

25 PARUS BICOLOR.	<i>Crested Tit</i> (two males).
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FAMILY SYLVIADÆ.

26 REGULUS SATRAPA.	<i>Golden-crested Kinglet</i> (male).
27 SIALIA WILSONI.	<i>Bluebird</i> (male and female).

FAMILY MERULIDÆ.

Latin Names.	English Names.
28 ORPHEUS POLYGLOTTUS.	<i>Mockingbird</i> (male).
29 ORPHEUS RUFUS.	<i>Brown Thrush</i> (male).
30 ORPHEUS CAROLINENSIS.	<i>Catbird</i> (male and female).
31 MERULA MIGRATORIA.	<i>American Robin</i> (male and female).

FAMILY SYLVICOLIDÆ.

32 TRICHAS PHILADELPHIA.	<i>Mourning Warbler</i> (male and female).
33 VERMIVORA PENNSYLVANICA.	<i>Worm-eating Warbler</i> (m. and f.).
34 VERMIVORA SOLITARIA.	<i>Blue-winged Warbler</i> .
35 VERMIVORA CHRYSOPTERA.	<i>Golden-winged Warbler</i> (male).
36 VERMIVORA PEREGRINA.	<i>Tennessee Warbler</i> (male).
37 VERMIVORA CELATA.	<i>Orange-crowned Warbler</i> (young male).
38 SYLVICOLA MACULOSA.	<i>Spotted Warbler</i> (male).
39 SYLVICOLA PARDALINA.	<i>Spotted Canada Warbler</i> (male).
40 SYLVICOLA BLACKBURNIÆ.	<i>Blackburnian Warbler</i> (male).
41 SYLVICOLA CASTANEA.	<i>Bay-breasted Warbler</i> (male).
42 SYLVICOLA STRIATA.	<i>Blackpoll Warbler</i> (male).
43 SYLVICOLA DISCOLOR.	<i>Prairie Warbler</i> (male).
44 SYLVICOLA CANADENSIS.	<i>Black-throated Blue Warbler</i> (young male).
45 SYLVICOLA ÆSTIVA.	<i>Summer Yellowbird</i> (male and young).
46 SYLVICOLA PINUS.	<i>Pine Warbler</i> (female).
47 SYLVICOLA ICTEROCEPHALA.	<i>Chestnut-sided Warbler</i> (male).
48 SYLVICOLA PARUS.	<i>Hemlock Warbler</i> (two males).
49 SYLVICOLA FORMOSA.	<i>Kentucky Warbler</i> (male).
50 WILSONIA MITRATA.	<i>Hooded Warbler</i> (female).
51 WILSONIA PUSILLA.	<i>Green Black-capped Warbler</i> (male).

FAMILY MUSCICAPIDÆ.

52 CULICIVORA CÆRULEA.	<i>Blue-grey Gnatcatcher</i> (male).
53 MUSCICAPA RUTICILLA.	<i>American Redstart</i> (male and female).
54 TYRANNUS CRINITUS.	<i>Great-crested Kingbird</i> (male).

FAMILY VIREONIDÆ.

55 VIREO OLIVACEUS.	<i>Red-eyed Greenlet</i> (male).
56 ICTERIA VIRIDIS.	<i>Yellow-breasted Chat</i> (male).

FAMILY LANIIDÆ.

57 LANIUS SEPTENTRIONALIS.	<i>Northern Butcherbird</i> (two males).
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FAMILY CORVIDÆ.

Latin Names.	English Names.
58 GARRULUS CRISTATUS.	<i>Blue Jay</i> (male).
59 GARRULUS CANADENSIS.	<i>Canada Jay</i> (male).
60 PICA CAUDATA.	<i>Magpie</i> (male).
61 CORVUS AMERICANUS.	<i>Common Crow</i> (male).
62 CORVUS CORAX.	<i>Raven</i> .

FAMILY QUISCALIDÆ.

63 QUISCALUS VERSICOLOR.	<i>Common Crow Blackbird</i> (m. and f.).
64 STURNELLA LUDOVICIANA.	<i>Meadow Lark</i> (male and female).
65 ICTERUS BALTIMORE.	<i>Golden Oriole</i> (male).
66 ICTERUS PHŒNICEUS.	<i>Red-winged Oriole</i> (male).
67 MOLOTHRUS PECORIS.	<i>Cow Bunting</i> (female).
68 DOLICHONYX ORYZIVORUS.	<i>Bobolink</i> (male and female).

FAMILY FRINGILLIDÆ.

69 COCCOBORUS CERULEUS.	<i>Blue Grosbeak</i> (male).
70 COCCOBORUS LUDOVICIANUS.	<i>Rose-breasted Grosbeak</i> (male).
71 STRUTHUS HYEMALIS.	<i>Snowbird</i> (male and female).
72 FRINGILLA ILIACA.	<i>Fox-colored Sparrow</i> (male).
73 FRINGILLA PENNSYLVANICA.	<i>White-throated Sparrow</i> (m. and f.).
74 FRINGILLA LEUCOPHRYS.	<i>White-crowned Sparrow</i> (male).
75 EMBERIZA SAVANNA.	<i>Savannah Bunting</i> (female).
76 AMMODRAMUS PALUSTRIS.	<i>Swamp Finch</i> (female).
77 CARDUELIS TRISTIS.	<i>Yellowbird</i> (male).
78 ERYTHROSPIZA PURPUREA.	<i>Crested Purple-finch</i> (male and female).
79 PITYLUS CARDINALIS.	<i>Cardinal Grosbeak</i> (male).
80 PIPILLO ERYTHROPHthalmus.	<i>Chewink</i> , or <i>Ground Robin</i> (male).
81 SPIZA CYANEA.	<i>Indigo-bird</i> (male).
82 PYRANGA ÆSTIVA.	<i>Redbird</i> (male, young male and female).
83 PYRANGA RUBRA.	<i>Black-winged Redbird</i> (male).
84 PLECTROPHANES LAPPONICUS.	<i>Lapland Snowbird</i> (female).
85 PLECTROPHANES NIVALIS.	<i>White Snowbird</i> (male and female).
86 ALAUDA CORNUTA.	<i>Horned Lark</i> (male and female).
87 CORYTHUS ENUCLEATOR.	<i>Pine Bulfinch</i> (male, young m. and f.).
88 LOXIA LEUCOPTERA.	<i>White-winged Crossbill</i> (male).

FAMILY PICIDÆ.

89 PICUS PILEATUS.	<i>Crested Woodpecker</i> (female).
90 PICUS ERYTHROCEPHALUS.	<i>Redheaded Woodpecker</i> (male).

Latin Names.	English Names.
91 PICUS VILLOSUS.	<i>Hairy Woodpecker</i> (male).
92 PICUS PUBESCENS.	<i>Downy Woodpecker</i> (male).
93 PICUS VARIUS.	<i>Yellow-bellied Woodpecker</i> (male).
94 PICUS CAROLINUS.	<i>Red-bellied Woodpecker</i> (male).
95 PICUS ARCTICUS.	<i>Arctic Woodpecker</i> (male).
96 PICUS AURATUS.	<i>Golden-winged Woodpecker</i> (2 males and 1 fem.).

FAMILY COLUMBIDÆ.

97 ECTOPISTES MIGRATORIA.	<i>Wild Pigeon</i> (male).
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ORDER GALLINÆ.

FAMILY PHASIANIDÆ.

98 MELEAGRIS GALLOPAVO.	<i>Wild Turkey</i> (male). Also young of the domestic fowl.
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FAMILY TETRAONIDÆ.

99 ORTYX VIRGINIANA.	<i>American Quail</i> (m., f., and 3 young).
100 TETRAO UMBELLUS.	<i>Common Partridge</i> (m., f., & 3 young).
101 TETRAO CUPIDO.	<i>Pinnated Grouse</i> (male and female).
102 TETRAO CANADENSIS.	<i>Spruce Grouse</i> (male and female).
103 ARGUS GIGANTEUS (Temminck).	<i>Argus Pheasant</i> . From Sumatra.
104 PHASIANUS NYCTHEMERUS (Linneus).	<i>Silver Pheasant</i> . From China.

ORDER GRALLÆ.

FAMILY CHARADRIDÆ.

105 CHARADRIUS SEMIPALMATUS.	<i>American Ring Plover</i> (male and fem.).
106 CHARADRIUS MELODUS.	<i>Piping Plover</i> .
107 CHARADRIUS VOCIFERUS.	<i>Kildeer Plover</i> (male).
108 CHARADRIUS VIRGINICUS.	<i>Golden Plover</i> (male and female).
109 STREPSILAS INTERPRES.	<i>Turnstone</i> .

FAMILY GRUIDÆ.

110 ARDEA HERODIAS.	<i>Great Blue Heron</i> (adult with a fish in the beak, and an immature male).
111 ARDEA LUDOVICIANA.	<i>Louisiana Heron</i> (male).
112 ARDEA VIRESCENS.	<i>Green Heron</i> (male and female).

Latin Names.	English Names.
113 ARDEA EXILIS.	<i>Small Bittern</i> (male).
114 ARDEA MINOR.	<i>American Bittern</i> (male and female).
115 ARDEA DISCORS.	<i>Black-crowned Night-heron</i> (male).

FAMILY SCOLOPACIDÆ.

116 NUMENIUS LONGIROSTRIS.	<i>Long-billed Curlew</i> (male).
117 NUMENIUS HUDSONICUS.	<i>Jack Curlew</i> (male).
118 HETEROPODA SEMIPALMATA.	<i>Semipalmated Sandpiper</i> (male).
119 TRINGA MARITIMA.	<i>Purple Sandpiper</i> (male).
120 TRINGA RUFESCENS.	<i>Buff-breasted Sandpiper</i> (female).
121 TRINGA CINCLUS.	<i>Black-breasted Sandpiper</i> (male).
122 TRINGA SCHINZL.	<i>Schinz's Sandpiper</i> (male).
123 TRINGA PECTORALIS.	<i>Pectoral Sandpiper</i> (male and female).
124 TRINGA CANUTUS.	<i>Redbreasted Sandpiper</i> (male and fem.).
125 TRINGA PUSILLA.	<i>Wilson's Sandpiper</i> (male).
126 CALIDRIS ARENARIA.	<i>Sanderling</i> (two males and one female).
127 TOTANUS MACULARIUS.	<i>Spotted Sandlark</i> (male).
128 TOTANUS BARTRAMIUS.	<i>Grey Plover</i> (male).
129 TOTANUS FLAVIFES.	<i>Yellowlegs</i> (male).
130 TOTANUS MELANOLEUCUS.	<i>Varied Tattler</i> (male and young).
131 TOTANUS SEMIPALMATUS.	<i>Willet</i> (male).
132 SCOLOPAX WILSONI.	<i>Common American Snipe</i> (2 m. and f.).
133 RUSTICOLA MINOR.	<i>American Woodcock</i> (m., f., & 2 young).

FAMILY RALLIDÆ.

134 RALLUS CREPITANS.	<i>Saltwater Meadowhen</i> (male).
135 ORTYGOMETRA CAROLINA.	<i>Sora Rail</i> (male).
136 GALLINULA GALEATA.	<i>Florida Gallinule</i> (male).

FAMILY RECURVIROSTRIDÆ.

137 HIMANTOPUS NIGRICOLLIS.	<i>The Lawyer</i> (male and female).
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ORDER LOBIPEDÆ.

FAMILY PODICIPIDÆ.

138 PODICEFS RUBRICOLLIS.	<i>Rednecked Grebe</i> (male).
139 HYDROKA CAROLINENSIS.	<i>Dipper, or Pied Dobchick</i> (male).

ORDER NATATORES.

FAMILY ALCIDÆ.

Latin Names.	English Names.
140 MÆRGULUS ALLE.	<i>Sea Dove</i> (male).
141 ALCA TORDA.	<i>Razorbill</i> (male).

FAMILY COLYMBIDÆ.

142 COLYMBUS GLACIALIS.	<i>Great Loon</i> (male and female).
143 COLYMBUS SEPTENTRIONALIS.	<i>Red-throated Loon</i> (female).

FAMILY PROCELLARIDÆ.

144 THALASSIDROMA WILSONI.	<i>Wilson's Petrel</i> (male).
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FAMILY PELECANIDÆ.

145 SULA AMERICANA.	<i>American Gannet</i> (male).
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FAMILY LARIDÆ.

146 RHYNCHOPS NIGRA.	<i>Black Skimmer</i> (male).
147 STERNA HIRUNDO.	<i>Common Tern</i> (male).
148 STERNA CAYANA.	<i>Cayenne Tern</i> (male).
149 STERNA NIGRA.	<i>Black Tern</i> (male and young).
150 LARUS ARGENTATUS.	<i>Winter Gull</i> (male and female).
151 LARUS ATRICILLA.	<i>Laughing Gull</i> (male).
152 LARUS BONAPARTII.	<i>Bonaparte's Gull</i> (male and female).
153 LARUS SABINI.	<i>Fork-tailed Gull</i> (male).
154 LESTRIS BUFFONI?	<i>Arctic Hawk-gull</i> (male).
155 LESTRIS RICHARDSONII.	<i>Richardson's Hawk-gull</i> (male).

FAMILY ANATIDÆ.

156 MÆRGUS MÆRGANSER.	<i>Buff-breasted Sheldrake</i> (male).
157 MÆRGUS CUCULLATUS.	<i>Hooded Sheldrake</i> (male and female).
158 FULIGULA VALISNERIA.	<i>Canvasback</i> (male).
159 FULIGULA MARILA.	<i>Broadbill</i> (female).
160 FULIGULA RUFITORQUES.	<i>Bastard Broadbill</i> (male).
161 FULIGULA LABRADORA.	<i>Pied Duck</i> (male).
162 FULIGULA RUBIDA.	<i>Ruddy Duck</i> (male and female).
163 FULIGULA GLACIALIS.	<i>Oldwife</i> (male in winter plumage, and male and female young).
164 FULIGULA ALBEOLA.	<i>Buff-headed Duck</i> (male and female).
165 FULIGULA CLANGULA.	<i>Whistler</i> (male).
166 FULIGULA HISTRIONICA.	<i>Harlequin Duck</i> (male).

Latin Names.	English Names.
167 FULIGULA MOLLISSIMA.	<i>Eider Duck</i> (male).
168 FULIGULA PERSPICILLATA.	<i>Surf Duck</i> (immature male).
169 FULIGULA AMERICANA.	<i>Broadbilled Coot</i> (male).
170 FULIGULA FUSCA.	<i>White-winged Coot</i> (male).
171 ANAS SPONSA.	<i>Wood Duck</i> (male and young male).
172 ANAS CAROLINENSIS.	<i>Green-winged Teal</i> (male and female).
173 ANAS ACUTA.	<i>Pin-tailed Duck</i> (male and female).
174 ANAS CLYPEATA.	<i>Shoveller</i> (male in winter plumage, and male and female in summer plumage).
175 ANAS STREPERA.	<i>Grey Duck, or Gadwall</i> (male).
176 ANAS AMERICANA.	<i>American Widgeon</i> (male and female).
177 ANSER CANADENSIS.	<i>Wild Goose</i> (male).
178 ANSER ALBIFRONS.	<i>White-fronted Goose</i> (male).
179 ANSER BERNICLA.	<i>Brant Goose</i> (male).

AMERICAN BIRDS DESCRIBED BY AUDUBON, WHICH
HAVE NOT BEEN OBSERVED IN THE STATE OF NEW-YORK.

180 ICTINIA PLUMBEUS.	<i>Mississippi Kite</i> (male).
181 FALCO PEREGRINUS.	<i>Great-footed Hawk</i> (male, with <i>Golden-winged Woodpecker</i> under foot).
182 MILVULUS TYRANNUS.	<i>Fork-tailed Flycatcher</i> (male).
183 HELINAIA PROTONOTARIUS.	<i>Prothonotary Swamp-warbler</i> (m. & f.).
184 SIALIA OCCIDENTALIS.	<i>Western Bluebird</i> (male).
185 SIALIA ARCTICA.	<i>Arctic Bluebird</i> (male).
186 TURDUS NEVIUS.	<i>Varied Thrush</i> (female).
187 COCCOTHAUSTES VESPERTINA.	<i>Evening Grosbeak</i> (male and female).
188 PYRANGA LUDOVICIANA.	<i>Louisiana Tanager</i> (male and female).
189 ICTERUS BULLOCKII.	<i>Bullock's Hangnest</i> (male).
190 GARRULUS STELLERI.	<i>Steller's Jay</i> (male).
191 SITTA PUSILLA.	<i>Brown-headed Nuthatch</i> (male).
192 PICUS PRINCIPALIS.	<i>Ivory-billed Woodpecker</i> (male and fem.).
193 PICUS QUERULUS.	<i>Red-cockaded Woodpecker</i> (m. and f.).
194 PICUS TORQUATUS.	<i>Lewis's Woodpecker</i> (male).
195 PICUS MEXICANUS.	<i>Red-shafted Woodpecker</i> (male).
196 CENTURUS CAROLINENSIS.	<i>Carolina Parrot</i> (young).
197 COLUMBA PASSERINA.	<i>Ground Dove</i> (male).
198 ORTYX PLUMIFERA.	<i>Plumed Partridge</i> (male).
199 IBIS RUBRA.	<i>Scarlet Ibis</i> (male).

FOREIGN BIRDS.

Latin Names.	English Names.
200 UPUPA EPOPS, Linneus.	<i>Hoopoe.</i> Africa.
201 EPIMACHUS MAGNIFICUS, Oken.	<i>Rifleman</i> (male and female). New South Wales.
202 ORIOLUS GALBULA, Oken.	<i>Golden Blackbird.</i> Europe.
203 GRACULA ROSEA, Oken.	<i>Rose-colored Thrush.</i> East Indies.
204 EDOLIUS MALABARICUS, Oken.	<i>Drongo.</i> Africa.
205 GALBULUS VIRIDIS, Oken (two specimens).	Africa.

In addition to these, there are twenty-two specimens of foreign birds whose specific names have not been determined.

 MINERALS, FOSSILS, SHELLS, &c.

ROCKS.

1 to 50 inclusive. ROCK SPECIMENS, from Cumberland.

 MINERALS.

- 51 CARBONATE of BARYTES, incrustated with copper pyrites and carbonate of lime.
- 52 CRYSTALLIZED SULPHATE of BARYTES (crystals in the form *épointée* of Haüy). From Devonshire, England.
- 53 CALCAREOUS CONCRETION. From the Lago de Tartari, near Rome.
- 54 CARBONATE of LIME, in botryoidal concretions.
- 55 BOTRYOIDAL MAGNESIAN LIMESTONE. From Durham.
- 56 FIBROUS LIMESTONE; edges polished.
- 57 FIBROUS SULPHATE of LIME. Derbyshire, England.
- 58 FIBROUS GYPSUM. Nova-Scotia.
- 59 COMPACT FLUOR SPAR.
- 60 CRYSTALLIZED FLUOR SPAR, polished.
- 61 CRYSTALLIZED FLUOR, on blende. Matlock, England.
- 62 WHITE CRYSTALLIZED FLUOR, upon zinc ore. Derbyshire, England.

- 63 FLUOR SPAR, crystallized in cubes of a beautiful bluish tint. From
Cumberland, England.
- 64 FLUOR SPAR, crystallized in cubes of a beautiful green. Cumberland.
- 65 FLUOR SPAR, crystallized in cubes; colorless.
- 66 FLUOR SPAR, incrustated with crystals of carbonate of lime.
- 67 VEINED FLUOR, polished. Derbyshire.
- 68 VEINED FLUOR, called by the miners *blue john*.
- 69 GROUP of QUARTZ CRYSTALS, incrustated with transparent terminated
six-sided prisms of heavy spar.
- 70, 71 Two six-sided prisms of QUARTZ, with six-sided pyramids of a
beautiful brownish tinge.
- 72 PSEUDOMORPHOUS QUARTZ, sprinkled with blende. From Alston, Eng.
- 73 TALC. 74 GREEN TALC. 75 BLACK SPINELLE.
- 76 BROWN GARNET : crystals with twenty trapezoidal faces.
- 77 GREEN FELSPAR. Siberia.
- 78 GLASSY FELSPAR. Near Bonn.
- 79 CHRYSOBERYL. Near Saratoga-springs.
- 80 BERYL. Acworth, New-Hampshire.
- 81 BERYL (imbedded). Acworth, N. H.
- 82 STAUROTIDE. Litchfield, Massachusetts.
- 83 STAUROTIDE. Franconia.
- 84 BRUCITE, in carbonate of lime. . Warwick, New-York.
- 85 ONYX AGATE. Siberia.
- 86 CHRYSOPRASE. Baumgarten.
- 87 OLIVINE. Habichtswald.
- 88 CYANITE. Chesterfield.
- 89 ASBESTUS. Greenwood furnace, Orange county, New-York.
- 90 GOLD ORE. Charlotte, North-Carolina.
- 91 SILVER ORE. Siberia.
- 92 MURIATE of SILVER. Siberia.
- 93 COPPER ORE. Franklin, New-Jersey.
- 94 ARSENIATE of COPPER, on arsenical iron, Amity, New-York.
- 95 RED OXIDE of COPPER. Siberia.
- 96 RED OXIDE of COPPER, incrustated with green carbonate of copper and
quartz. Siberia.
- 97 BLUE CARBONATE of COPPER. Siberia.
- 98 MALACHITE. Siberia.
- 99 VEINS of LEAD ORE. From the Odin mine.
- 100 SLICKENSIDE GALENA. From the Odin mine.
- 101 ARSENIATE of LEAD. From Caldbeck-fells, Cumberland.
- 102 ARSENICAL PYRITES? incrusting quartz crystals. Caldbeck-fells,

- 103 MOLYBDENA. Caldbeck-fells.
 104 URANITE. Cornwall, England.
 105 OXIDE of TIN. Cornwall.
 106, 107 AXINITE. Cornwall.
 108 VOLCANIC BASALT. Cassel.
 109 MINERAL CAOUTCHOUC. England.
 110 ELASTIC BITUMEN. 111 CARBONATE of LEAD.
 112 SULPHURET of ZINC and TIN. Hartz, Germany.
 113 CRYSTALLIZED BROWN OXIDE of IRON. Cornwall.
 114 MASSIVE GARNET. 115 SEMIOPAL.
 116 PORPHYRY, containing bronzite.
 117 LEPIDOLITE and RUBELLITE. Paris, Maine.
 118 DRUSY QUARTZ.
 119 AURIFEROUS PYRITES. North-Carolina.

FOSSILS.

- 120 CALYMENE SENARIA (folded), Hall. Trenton limestone.
 121 HEAD and POST-ABDOMEN of *Calymene senaria*, Hall. Trenton limestone.
 122 CEPHALIC SHIELD of *Trinucleus concentricus*, Hall. Trenton limestone.
 123 MATRIX of *Calymene senaria*, Hall. Trenton limestone?
 124 BELLEROPHON BILOBATUS, var. CORRUGATUS, Hall. Trenton limestone.
 125, 126, 127 CHÆTETES LYCOPERDON, Hall. Trenton limestone.
 128 CALYMENE BLUMENBACHII (in two positions), Brongniart. Dudley, England.
 129 A SLAB covered with small bivalves, fragments of crustaceans, corallines, etc. From Dudley, England.
 130 POST-ABDOMEN of an *Asaphus* (not described by Murchison). Dudley.
 131 EUOMPHALUS PENTANGULARIS. From the Mountain limestone of Semplough, Cumberland, England.
 132 SPIRIFER OBTUSIS. From Egalsfield, Cumberland.
 133 SPIRIFER ATTENUATUS. From Semplough, Cumberland.
 134, 135 BIVALVE (Genus ALLORISMA of King). From Parkhead, Cumberland.
 136 SPIRIFER GLABER. From the Mountain limestone of England.
 137 SPIRIFER LYNX. Mountain limestone of England.
 138, 139 ORTHIS RESUPINATUS. Mountain limestone of England.
 140 FAVOSITES (polished). Mountain limestone.

- 141 SPIRIFER. Mountain limestone of England.
- 142 ACROCOLIA. From Oriskany sandstone.
- 143, 144 CORNULITES ARCUATUS. Niagara limestone.
- 145 CAST of LEPTÆNA. From Schoharie grit.
- 146 CRINOIDAL COLUMN. Mountain limestone of England.
- 147 CORALLINE (silicified). Corniferous limestone.
- 148 ENCRINAL MARBLE (polished). Derbyshire, England.
- 149 ENCRINAL MARBLE (polished). Peak Castle, England.
- 150 PECTEN? From the top of one of the mountains of the Jura chain,
Switzerland.
- 151, 152 CALAMITES. Cumberland, England.
- 153 CALAMITES —? Workington, Cumberland.
- 154 CALAMITES —? Parton, Cumberland.
- 155 STIGMARIA —. Cumberland.
- 156, 157, 158 LEPIDODENDRON —. Cumberland.
- 159 ODONTOPTERIS —. Parton, Cumberland.
- 160 NEUROPTERIS —, Somerset, England.
- 161, 162 PECOPTERIS MANTELLII. Near Whitehaven, Cumberland.
- 163 ODONTOPTERIS —. From Whitehaven, Cumberland.
- 164 SPHENOPTERIS AFFINIS? Whitehaven.
- 165, 166 SPHENOPTERIS —. Whitehaven.
- 167 ASTEROPHYLLITES PARKINSONI. Parton, Cumberland.
- 168 ASTEROPHYLLITES —. Parton, Cumberland.
- 169, 170 VERTEBRA of the ICHTHYOSAURUS. Lyme in Dorsetshire, Eng.
- 171 LEFT HIND-PADDLE of the ICHTHYOSAURUS PLATYODON. From the
Lias, England.
- 172 RIGHT FORE-PADDLE of ICHTHYOSAURUS PLATYODON. From the Lias,
England.
- 173 COPROLITE. One of the sides is polished, exhibiting a fish-scale, and
the enamelled portions of fishes that remain undigested
by the ICHTHYOSAURUS. From the Lias, England.
- 174 FOSSIL FISH. Scotland.
- 175, 176 FOSSIL TEETH of ICHTHYOSAURUS. From the Blue Lias of Lyme,
Dorset, England.
- 177 AMMONITES OBTUSUS. From the Lias, England.
- 178 AMMONITES NODOSUS? From the Lias, England.
- 179, 180 AMMONITES. Matlock, England.
- 181, 182, 183 AMMONITES. From the Lias, England.
- 184 AMMONITE. From Whitby, England.
- 185, 186 GRYPHÆA INCURVA. Clifton, Somerset, England.
- 187 GRYPHÆA COLUMBA. Beds of the Tiverlane,

- 188 AMMONITE. From the Oolite, England.
 189 GRYPHÆA? (13 specimens). Lias? England.
 190 SHARK'S TOOTH. From the Oolite, England.
 191, 192 TEREBRATULA. From the Oolite, England.
 193 ICHTHYODORULITE (mineralized by sulphuret of iron). From the Lias, England.
 194 SHARK'S TOOTH (imbedded in chalk). From the Cretaceous formation, England.
 195 TURRELITES COSTATUS. Chalk marl.
 196 BELEMNITES MUCRONATUS, Cretaceous formation, Yorkshire, England.
 197 EXOGYRA COSTATA. From the Greensand, New-Jersey.
 198, 199, 200 GRYPHÆA MUTABILIS. From the Greensand, New-Jersey.
 201 GALERITES. From the Cretaceous formation, Yorkshire, England.
 202 ANANCHYTES OVATUS. From the Cretaceous formation, Yorkshire.
 203 SCUTELLA. From the Cretaceous formation, England.
 204 MUREX (FUSUS) CONTRARIUS, Sowerby. Given to H. C. DE RHAM junior, by Prof. SEDGWICK, at the Woodwardian Museum, Cambridge, March 6, 1837. From the Rederag, England.
 205 FUSUS (covered with BALANÆ). From the Rederag, England.
 206 FOSSIL WOOD. From Alabama.
 207 PETRIFIED WOOD. From near Utica.
 208 NAUTILUS TRUNCATUS. From the Lias of England.
 209 CAST of PLEUROTOMARIA. Lias, England.
 210, 211 CASTS of a UNIVALVE. Lias, England.

ZOOLOGICAL FRAGMENTS.

- 212, 213 SKULL of the SKUNK (*Mephitis americana*).
 214 SKULL of the FISHER (*Mustela canadensis*).
 215, 216 SKULL of the AMERICAN SABLE (*Mustela martes*).
 217 SKULL of the NORTH-AMERICAN OTTER (*Lutra canadensis*).
 218 UPPER MANDIBLE of the ALBATROSS. From South America.

FISHES.

ORDER PLECTOGNATHI.

FAMILY GYMNODONTIDÆ.

- 219 DIODON PILOSUS (*Hairy Balloonfish*). New-York bay.

FAMILY OSTRACIONIDÆ.

220 LACTOPHRYS DERHAMII? Taken on the shore of Long Island. Not described in DEKAY'S Zoology.

CHARACTERISTICS. No orbital spines; back elevated in the form of a crescent longitudinally, with two spines centrally situated on the periphery of the crescent, and distant one-third of an inch from each other; three spines on each side of the abdomen: length four inches.

Should this prove to be an undescribed species, it is proposed to name it *derhamii*, in honor of the late HENRY C. DE RHAM junior.

SHELLS.

[Arranged according to the System of LAMARCK.]

CLASS ANNELIDES.

ORDER SEDENTARIA.

FAMILY SERPULACEA.

221, 222, 223 SERPULA VERMICULARIS.

CLASS CIRRIPEDES.

ORDER SESSILE CIRRIPEDES.

224 TUBICINELLA BALÆNARUM. The Tubicinellæ are found with nearly the whole shell buried in the thick skin of the whale.

225 CORONULA BALÆNARIS.

226 CORONULA BALÆNARIS (6 specimens), on a piece of whaleskin.

CLASS CONCHIFERA.

ORDER C. DIMYARIA.

FAMILY CONCHACEA (*marine*).

227 CYTHEREA MACULATA.

229 CYTHEREA ———.

228 CYTHEREA DIONE.

230 CYTHEREA ———.

FAMILY CARDIACEA.

231 CARDIUM ———.

233 CARDIUM ———.

232 CARDIUM ———.

234 ISOCARDIA MOLTOKIANA.

FAMILY ARCACEA.

235 ARCA ———.

FAMILY NAJADES.

236 UNIO ———.

ORDER MONOMYARIA.

FAMILY MYTILACEA.

237 PINNA SQUAMOSA?

FAMILY PECTINIDES.

238 PECTEN ———.

239 PECTEN ———.

CLASS MOLLUSCA.

ORDER GASTEROPODA.

FAMILY PHYLLIDINA.

240 CHITON ———(5 specimens). 241 CHITON ———.

242 CHITON ———.

FAMILY BULLÆANA.

243 BULLA AMPULLA.

ORDER TRACHELIPODA.

FAMILY COLIMACEA.

- 244 HELIX POMATIA. England. 251 HELIX ———. West Indies.
 245 HELIX ASPERSA(3). England. 252 CAROCOLLA ———. West Indies.
 246 HELIX MELANOTRAGUS. Africa. 253, 254 BULINUS ROSACEUS. W. I.
 247 HELIX NEMORALIS. England. 255 BULINUS ROSACEUS (young).
 248 HELIX ———(2). England. 256, 257 PUPA ———. West Indies.
 249 HELIX ———. West Indies. 258 AURICULA ———. West Indies.
 250 HELIX ———. West Indies.

FAMILY LIMNEANA.

- 259 LIMNÆA STAGNALIS. 260 PLANORBIS CORNEUS.

FAMILY PERISTOMATA.

- 261 AMPULLARIA FASCIATA(3). 262 AMPULLARIA GUINAIICA. W. I.
 263 PALUDINA ———(2).

FAMILY NERITACEA.

- 264 NERITINA SPINOSA. 269 NATICA ———(2).
 265 NERITINA ———. 270 NERITA PELORONTA(2).
 266 NATICA MAMILLA(2). 271 NERITA VERSICOLOR.
 267 NATICA ———. 272 NERITA ———.
 268 NATICA ———.

FAMILY MACROSTOMATA.

- 273 SIGARETUS CONCAVUS. 275 HALIOTIS CAÑALICULATA.
 274 HALIOTIS TUBERCULATA. 276 HALIOTIS —(5).

FAMILY TURBINACEA.

- 277 SOLARIUM GRANULATUM.
 278 ROTELLA (not figured or described by Kiener). Seas of Tropical climates.
 279 ROTELLA (not figured or described by Kiener).
 280 ROTELLA (not figured or described by Kiener). The three preceding species would be considered by Kiener as varieties of *Rotella lineolata*.
 281 TROCHUS MACULATUS. 285 MARGARITA —.
 282 TROCHUS —(2). 286 PLANAXIS —.
 283 TROCHUS —.
 284 MARGARITA —(2). 287 TURBO —.
 288 TURBO —.
 289 TURRITELLA DUPLICATA. Ceylon.
 290 TURRITELLA CINGULATA, Sowerby. Pacific ocean.

FAMILY CANALIFERA.

- 291 CERITHIUM TUBERCULATUM. 302 MUREX RADIX(3).
 292 TURBINELLA CORNIGER. 303 MUREX BRANDARIS(2).
 293 TURBINELLA POLYGONA. 304 MUREX PINNATUS, Swainson.
 294 FASCIOLARIA AURANTIACA?
 295 FUSUS MORIO (*varietas*). 305 MUREX ELONGATUS.
 296 PYRULA MELONGENA. 306 MUREX ERINACEUS.
 297 PYRULA CARICA. 307 MUREX CALCAR, Kiener.
 298 PYRULA MELONGENA (*varietas*). 308 MUREX CRASSILABRUM? Gray.
 299 RANELLA BECKII, Kiener. 309 TRITON VARIEGATUM.
 300 MUREX REGIUS(4). 310 TRITON SUCCINCTUM.
 301 MUREX BRASSICA(2). 311 TRITON SUCCINCTUM (young shell).

FAMILY ALATÆ.

- 312 ROSTELLARIA PES-PELICANI(2). 317 STROMBUS GRACILIO, Sowerby.
 313 STROMBUS LENTIGINOSUS(2). 318 STROMBUS GIBBERULUS. Molucca.
 314 STROMBUS CANARIUM. 319 STROMBUS FLORIDUS. Moluccas.
 315 STROMBUS PUGILIS(2). 320 STROMBUS VINTATUS. Moluccas.
 316 STROMBUS GRANULATUS, Sowerby.

